

Annexure 3- Activation filters English and Humans resulted 325 published articles.

1: Stearns TP, Shad MU, Guzman GC. Glabellar Botulinum Toxin Injections in Major Depressive Disorder: A Critical Review. *Prim Care Companion CNS Disord.* 2018 Oct 4;20(5). pii: 18r02298. doi: 10.4088/PCC.18r02298. Review. PubMed PMID: 30326186.

2: Vikelis M, Argyriou AA, Dermitzakis EV, Spingos KC, Makris N, Kararizou E. Sustained onabotulinumtoxinA therapeutic benefits in patients with chronic migraine over 3 years of treatment. *J Headache Pain.* 2018 Sep 17;19(1):87. doi: 10.1186/s10194-018-0918-3. PubMed PMID: 30225735.

3: Pratt TS, Suskind AM. Management of Overactive Bladder in Older Women. *Curr Urol Rep.* 2018 Sep 10;19(11):92. doi: 10.1007/s11934-018-0845-5. Review. PubMed PMID: 30203368.

4: Leu R, Stearns GL. Complications of Botox and their Management. *Curr Urol Rep.* 2018 Sep 7;19(11):90. doi: 10.1007/s11934-018-0844-6. Review. PubMed PMID: 30194497.

5: Chen H, Pan W, Zhang J, Cheng H, Tan Q. The application of W-plasty combined Botox-A injection in treating sunk scar on the face. *Medicine (Baltimore).* 2018 Jul;97(30):e11427. doi: 10.1097/MD.00000000000011427. PubMed PMID: 30045264; PubMed Central PMCID: PMC6078721.

6: Lampl C, Rudolph M, Bräutigam E. OnabotulinumtoxinA in the treatment of refractory chronic cluster headache. *J Headache Pain.* 2018 Jun 19;19(1):45. doi: 10.1186/s10194-018-0874-y. PubMed PMID: 29915913; PubMed Central PMCID: PMC6006000.

7: Erenumab (Aimovig) for migraine prevention. *Med Lett Drugs Ther.* 2018 Jun 18;60(1549):101-103. PubMed PMID: 29913472.

8: Bolshinsky V, Gurland B, Hull TL, Zutshi M. Levator ani syndrome: transperineal botox injections. *Tech Coloproctol.* 2018 Jun;22(6):465-466. doi:

10.1007/s10151-018-1801-6. Epub 2018 May 31. PubMed PMID: 29850943.

9: Kane ED, Desilets DJ, Wilson D, Leduc M, Budhraj V, Romanelli JR. Treatment of Achalasia with Per-Oral Endoscopic Myotomy: Analysis of 50 Consecutive Patients. *J Laparoendosc Adv Surg Tech A*. 2018 May;28(5):514-525. doi: 10.1089/lap.2017.0588. Epub 2018 Apr 2. PubMed PMID: 29608432.

10: Graupp M, Rinner B, Frisch MT, Weiss G, Fuchs J, Sundl M, El-Heliebi A, Moser G, Kamolz LP, Karbiener M, Gugatschka M. Towards an in vitro fibrogenesis model of human vocal fold scarring. *Eur Arch Otorhinolaryngol*. 2018 May;275(5):1211-1218. doi: 10.1007/s00405-018-4922-7. Epub 2018 Mar 8. PubMed PMID: 29520499; PubMed Central PMCID: PMC5893733.

11: Tedroff K, Befrits G, Tedroff CJ, Gantelius S. To switch from Botox to Dysport in children with CP, a real world, dose conversion, cost-effectiveness study. *Eur J Paediatr Neurol*. 2018 May;22(3):412-418. doi: 10.1016/j.ejpn.2018.01.023. Epub 2018 Feb 3. PubMed PMID: 29452742.

12: Zakin E, Simpson D. Evidence on botulinum toxin in selected disorders. *Toxicon*. 2018 Jun 1;147:134-140. doi: 10.1016/j.toxicon.2018.01.019. Epub 2018 Feb 3. Review. PubMed PMID: 29408357.

13: Lee S, Park S, Lew H. Long-term Efficacy of Botulinum Neurotoxin-A Treatment for Essential Blepharospasm. *Korean J Ophthalmol*. 2018 Feb;32(1):1-7. doi: 10.3341/kjo.2017.0030. Epub 2018 Jan 24. PubMed PMID: 29376224; PubMed Central PMCID: PMC5801084.

14: Lim SH, Sun Y, Thiruvallur Madanagopal T, Rosa V, Kang L. Enhanced Skin Permeation of Anti-wrinkle Peptides via Molecular Modification. *Sci Rep*. 2018 Jan 25;8(1):1596. doi: 10.1038/s41598-017-18454-z. Erratum in: *Sci Rep*. 2018 Apr 20;8(1):6500. PubMed PMID: 29371611; PubMed Central PMCID: PMC5785486.

15: Malcacher L, Kosinski T. Bruxism, Botox, and Dental Implants. *Dent Today*. 2017 Apr;36(4):94, 96-7. PubMed PMID: 29235317.

16: Castelão M, Marques RE, Duarte GS, Rodrigues FB, Ferreira J, Sampaio C, Moore

AP, Costa J. Botulinum toxin type A therapy for cervical dystonia. *Cochrane Database Syst Rev.* 2017 Dec 12;12:CD003633. doi: 10.1002/14651858.CD003633.pub3. Review. PubMed PMID: 29230798.

17: Chegini A. Therapeutic Plasma Exchange in a rare case myasthenic crisis after Botox injection. *Atheroscler Suppl.* 2017 Nov;30:283-285. doi: 10.1016/j.atherosclerosissup.2017.05.016. Epub 2017 May 31. PubMed PMID: 29096852.

18: Jadhao VA, Lokhande N, Habbu SG, Sewane S, Dongare S, Goyal N. Efficacy of botulinum toxin in treating myofascial pain and occlusal force characteristics of masticatory muscles in bruxism. *Indian J Dent Res.* 2017 Sep-Oct;28(5):493-497. doi: 10.4103/ijdr.IJDR_125_17. PubMed PMID: 29072209.

19: Joussain C, Phé V, Even A, Chartier-Kastler E, Denys P. Intradetrusor injection of botulinum toxin A and sacral neuromodulation for neurogenic detrusor overactivity. *Eur J Phys Rehabil Med.* 2017 Dec;53(6):991-997. doi: 10.23736/S1973-9087.17.04978-4. Epub 2017 Oct 25. Review. PubMed PMID: 29072045.

20: Wongrattanakamon P, Nimmanpipug P, Sirithunyalug B, Jiranusornkul S. Molecular modeling elucidates the cellular mechanism of synaptotagmin-SNARE inhibition: a novel plausible route to anti-wrinkle activity of botox-like cosmetic active molecules. *Mol Cell Biochem.* 2018 May;442(1-2):97-109. doi: 10.1007/s11010-017-3196-5. Epub 2017 Oct 10. PubMed PMID: 29019108.

21: Huang GO, Maizels M, Koh CJ, Tu DD, Meade P. CEVL interactive - It is feasible for Pediatric Urology fellows to create pediatric urological surgical plans: A case study of Botox endoscopic injection. *J Pediatr Urol.* 2017 Oct;13(5):422-425. doi: 10.1016/j.jpuro.2017.08.007. Epub 2017 Sep 19. PubMed PMID: 28988672.

22: Horne AW, Vincent K, Cregg R, Daniels J. Is gabapentin effective for women with unexplained chronic pelvic pain? *BMJ.* 2017 Sep 21;358:j3520. doi: 10.1136/bmj.j3520. PubMed PMID: 28935652.

23: Bradshaw S. Cosmetic Practitioners Take Huge Risks Purchasing and Administering Illegal Botulinum Toxin Drug Products. *J Drugs Dermatol.* 2017 Sep

1;16(9):936-938. PubMed PMID: 28915291.

24: Obagi S, Golubets K. Mild to Moderate Dysphagia Following Very Low-dose Abobotulinumtoxin A for Platysmal Bands. *J Drugs Dermatol*. 2017 Sep 1;16(9):929-930. PubMed PMID: 28915289.

25: Oshima M, Deitiker P, Jankovic J, Atassi MZ. The Regions on the Light Chain of Botulinum Neurotoxin Type A Recognized by T Cells from Toxin-Treated Cervical Dystonia Patients. The Complete Human T-Cell Recognition Map of the Toxin Molecule. *Immunol Invest*. 2018 Jan;47(1):18-39. doi: 10.1080/08820139.2017.1368544. Epub 2017 Sep 11. PubMed PMID: 28891721.

26: Araklitis G, Cardozo L. Safety issues associated with using medication to treat overactive bladder. *Expert Opin Drug Saf*. 2017 Nov;16(11):1273-1280. doi: 10.1080/14740338.2017.1376646. Epub 2017 Sep 10. Review. PubMed PMID: 28889761.

27: Wong K, Doong J, Trang T, Joo S, Chien AL. YouTube Videos on Botulinum Toxin A for Wrinkles: A Useful Resource for Patient Education. *Dermatol Surg*. 2017 Dec;43(12):1466-1473. doi: 10.1097/DSS.0000000000001242. PubMed PMID: 28877151.

28: Ali YH. Two years' outcome of thread lifting with absorbable barbed PDO threads: Innovative score for objective and subjective assessment. *J Cosmet Laser Ther*. 2018 Feb;20(1):41-49. doi: 10.1080/14764172.2017.1368562. Epub 2017 Dec 4. PubMed PMID: 28863268.

29: Triadafilopoulos G, Gandhi R, Barlow C. Pilot cohort study of endoscopic botulinum neurotoxin injection in Parkinson's disease. *Parkinsonism Relat Disord*. 2017 Nov;44:33-37. doi: 10.1016/j.parkreldis.2017.08.020. Epub 2017 Aug 23. PubMed PMID: 28847681.

30: Girard B, Piaton JM, Keller P, Abadie C, Nguyen TH. Botulinum neurotoxin injection for the treatment of epiphora in nasolacrimal duct obstruction. *J Fr Ophtalmol*. 2017 Oct;40(8):661-665. doi: 10.1016/j.jfo.2017.03.006. Epub 2017 Aug 25. PubMed PMID: 28847443.

31: Ghanem H, Raheem AA, AbdelRahman IFS, Johnson M, Abdel-Raheem T. Botulinum

Neurotoxin and Its Potential Role in the Treatment of Erectile Dysfunction. *Sex Med Rev.* 2018 Jan;6(1):135-142. doi: 10.1016/j.sxmr.2017.07.008. Epub 2017 Aug 23. Review. PubMed PMID: 28843941.

32: Chang HJ, Hong BY, Lee SJ, Lee S, Park JH, Kwon JY. Efficacy and Safety of Letibotulinum Toxin A for the Treatment of Dynamic Equinus Foot Deformity in Children with Cerebral Palsy: A Randomized Controlled Trial. *Toxins (Basel).* 2017 Aug 18;9(8). pii: E252. doi: 10.3390/toxins9080252. PubMed PMID: 28820439; PubMed Central PMCID: PMC5577586.

33: Szczypior M, Połom W, Markuszewski M, Ciura K, Buszewska-Forajta M, Jacyna J, Markuszewski M, Matuszewski M. Overactive bladder treatment: application of methylene blue to improve the injection technique of onabotulinum toxin A. *Scand J Urol.* 2017 Dec;51(6):474-478. doi: 10.1080/21681805.2017.1362467. Epub 2017 Aug 17. Erratum in: *Scand J Urol.* 2018 Feb;52(1):x. PubMed PMID: 28816073.

34: Patel DN, Jamnagerwalla J, Houman J, Anger JT, Eilber KS. What is the true catheterization rate after intravesical onabotulinumtoxinA injection? *Int Urogynecol J.* 2018 Jul;29(7):1005-1009. doi: 10.1007/s00192-017-3440-2. Epub 2017 Aug 14. PubMed PMID: 28808734.

35: Francisco GE, Bandari DS, Bavikatte G, Jost WH, Adams AM, Largent J, Esquenazi A. Adult Spasticity International Registry Study: methodology and baseline patient, healthcare provider, and caregiver characteristics. *J Rehabil Med.* 2017 Aug 31;49(8):659-666. doi: 10.2340/16501977-2245. PubMed PMID: 28805237.

36: Fenech V, Cassar J, Zrinzo L, Vella M. Bilateral painful tic convulsif. *BMJ Case Rep.* 2017 Aug 11;2017. pii: bcr-2017-221380. doi: 10.1136/bcr-2017-221380. PubMed PMID: 28801514.

37: Pham Q, Campbell R, Mattioni J, Sataloff R. Botulinum Toxin Injections Into the Lateral Cricoarytenoid Muscles for Vocal Process Granuloma. *J Voice.* 2018 May;32(3):363-366. doi: 10.1016/j.jvoice.2017.06.006. Epub 2017 Aug 1. Review. PubMed PMID: 28778373.

38: Asutay F, Atalay Y, Asutay H, Acar AH. The Evaluation of the Clinical Effects

of Botulinum Toxin on Nocturnal Bruxism. *Pain Res Manag.* 2017;2017:6264146. doi: 10.1155/2017/6264146. Epub 2017 Jul 5. PubMed PMID: 28757802; PubMed Central PMCID: PMC5516743.

39: Harii K, Kawashima M, Furuyama N, Lei X, Hopfinger R, Lee E. OnabotulinumtoxinA (Botox) in the Treatment of Crow's Feet Lines in Japanese Subjects. *Aesthetic Plast Surg.* 2017 Oct;41(5):1186-1197. doi: 10.1007/s00266-017-0844-9. Epub 2017 Jul 21. PubMed PMID: 28733805; PubMed Central PMCID: PMC5605642.

40: Maison POM, Lazarus J. The management of paediatric neurogenic bladder: an approach in a resource-poor setting. *Paediatr Int Child Health.* 2017 Nov;37(4):280-285. doi: 10.1080/20469047.2017.1351745. Epub 2017 Jul 17. Review. PubMed PMID: 28714784.

41: Prakash NS, Lopategui DM, Gomez C. Changes in Management of Poorly Compliant Bladder in Botulinum Toxin A Era. *Curr Urol Rep.* 2017 Aug;18(8):64. doi: 10.1007/s11934-017-0707-6. Review. PubMed PMID: 28689244.

42: Zhang EZ, Tan S, Loh I. Botulinum toxin in rhinitis: Literature review and posterior nasal injection in allergic rhinitis. *Laryngoscope.* 2017 Nov;127(11):2447-2454. doi: 10.1002/lary.26616. Epub 2017 Jul 6. Review. PubMed PMID: 28681969.

43: Gralén K, Elmér C, Broström E, Althin R, Malmberg L. Clinical practice of BOTOX® treatment for overactive bladder syndrome in Sweden: an assessment of resource use and external validity. *Scand J Urol.* 2017 Oct;51(5):397-401. doi: 10.1080/21681805.2017.1334697. Epub 2017 Jul 5. PubMed PMID: 28678587.

44: Alharethy SE. Trends and demographic characteristics of Saudi cosmetic surgery patients. *Saudi Med J.* 2017 Jul;38(7):738-741. doi: 10.15537/smj.2017.7.18528. PubMed PMID: 28674720; PubMed Central PMCID: PMC5556282.

45: Tassorelli C, Aguggia M, De Tommaso M, Geppetti P, Grazzi L, Pini LA, Sarchielli P, Tedeschi G, Martelletti P, Cortelli P. Onabotulinumtoxin A for the management of chronic migraine in current clinical practice: results of a survey

of sixty-three Italian headache centers. *J Headache Pain*. 2017 Dec;18(1):66. doi: 10.1186/s10194-017-0773-7. Epub 2017 Jun 30. PubMed PMID: 28667550; PubMed Central PMCID: PMC5493599.

46: Esquenazi A, Lee S, Mayer N, Garreta R, Patel A, Elovic E, Koelbel S, Francisco G, Reuter I; PROS World Group. Patient Registry of Spasticity Care World: Data Analysis Based on Physician Experience. *Am J Phys Med Rehabil*. 2017 Dec;96(12):881-888. doi: 10.1097/PHM.0000000000000781. PubMed PMID: 28657917; PubMed Central PMCID: PMC5690312.

47: Chen HC, Yen CI, Yang SY, Chang CJ, Yang JY, Chang SY, Chuang SS, Hsiao YC. Comparison of Steroid and Botulinum Toxin Type A Monotherapy with Combination Therapy for Treating Human Hypertrophic Scars in an Animal Model. *Plast Reconstr Surg*. 2017 Jul;140(1):43e-49e. doi: 10.1097/PRS.00000000000003426. PubMed PMID: 28654594.

48: Jankovic J. Botulinum toxin: State of the art. *Mov Disord*. 2017 Aug;32(8):1131-1138. doi: 10.1002/mds.27072. Epub 2017 Jun 22. Review. PubMed PMID: 28639368.

49: Kawahara T, Hagiwara M, Takahashi H, Tanaka M, Imai K, Sawada J, Kunisawa T, Furukawa H. Cerebral Infarction by Paradoxical Gas Embolism During Laparoscopic Liver Resection with Injury of the Hepatic Vessels in a Patient without a Right-to-Left Systemic Shunt. *Am J Case Rep*. 2017 Jun 20;18:687-691. PubMed PMID: 28630395; PubMed Central PMCID: PMC5484459.

50: Al-Fouzan AF, Mokeem LS, Al-Saqat RT, Alfalah MA, Alharbi MA, Al-Samary AE. Botulinum Toxin for the Treatment of Gummy Smile. *J Contemp Dent Pract*. 2017 Jun 1;18(6):474-478. PubMed PMID: 28621277.

51: Hislop M, Brideaux A, Dhupelia S. Functional popliteal artery entrapment syndrome: use of ultrasound guided Botox injection as a non-surgical treatment option. *Skeletal Radiol*. 2017 Sep;46(9):1241-1248. doi: 10.1007/s00256-017-2686-6. Epub 2017 Jun 9. PubMed PMID: 28600622.

52: Workinger MS, Kent RD, Meilahn JR. The effect of botulinum toxin A (Botox) injections used to treat limb spasticity on speech patterns in children with

dysarthria and cerebral palsy: A report of two cases. *J Pediatr Rehabil Med.* 2017 May 19;10(2):137-143. doi: 10.3233/PRM-170433. PubMed PMID: 28582880.

53: Rodriguez JH, Haskins IN, Strong AT, Plescia RL, Allemang MT, Butler RS, Cline MS, El-Hayek K, Ponsky JL, Kroh MD. Per oral endoscopic pyloromyotomy for refractory gastroparesis: initial results from a single institution. *Surg Endosc.* 2017 Dec;31(12):5381-5388. doi: 10.1007/s00464-017-5619-5. Epub 2017 May 31. PubMed PMID: 28567693.

54: Ranoux D, Martiné G, Espagne G, Salle H, Caire F. Delayed-onset post-craniotomy headache responsive to botulinum toxin A: a case series. *Acta Neurochir (Wien).* 2017 Aug;159(8):1375-1378. doi: 10.1007/s00701-017-3215-z. Epub 2017 May 30. PubMed PMID: 28555271.

55: AlHargan AH, Al-Hejin NR, AlSufyani MA. Public perception of dermatologic surgery in Saudi Arabia: an online survey. *Dermatol Online J.* 2017 May 15;23(5). pii: 13030/qt6r11r87m. PubMed PMID: 28537870.

56: Snider CC, Amalfi AN, Hutchinson LE, Sommer NZ. New Insights into the Anatomy of the Midface Musculature and its Implications on the Nasolabial Fold. *Aesthetic Plast Surg.* 2017 Oct;41(5):1083-1090. doi: 10.1007/s00266-017-0889-9. Epub 2017 May 15. PubMed PMID: 28508263.

57: Isetti DD, Baylor CR, Burns MI, Eadie TL. Employer Reactions to Adductor Spasmodic Dysphonia: Exploring the Influence of Symptom Severity and Disclosure of Diagnosis During a Simulated Telephone Interview. *Am J Speech Lang Pathol.* 2017 May 17;26(2):469-482. doi: 10.1044/2016_AJSLP-16-0040. PubMed PMID: 28492935.

58: Gilsdorf D, Volckmann E, Brickley A, Taylor LJ, Glasgow RE, Fang J. Pyloroplasty Offers Relief of Postfundoplication Gastroparesis in Patients Who Improved After Botulinum Toxin Injection. *J Laparoendosc Adv Surg Tech A.* 2017 Nov;27(11):1180-1184. doi: 10.1089/lap.2017.0099. Epub 2017 May 8. PubMed PMID: 28481694.

59: Lee WI, Carney PW, Hughes AJ, Archer JS. Refractory focal motor seizures controlled with intramuscular botulinum toxin. *Epilepsy Res.* 2017 Jul;133:93-97.

doi: 10.1016/j.eplepsyres.2017.04.009. Epub 2017 Apr 10. PubMed PMID: 28475998.

60: Nestor M, Ablon G, Pickett A. Key Parameters for the Use of AbobotulinumtoxinA in Aesthetics: Onset and Duration. *Aesthet Surg J*. 2017 May 1;37(suppl_1):S20-S31. doi: 10.1093/asj/sjw282. Review. PubMed PMID: 28388717; PubMed Central PMCID: PMC5434495.

61: Olaore S, Laudat M. Multidisciplinary management: Botox and Parkinson's. *Br Dent J*. 2017 Apr 7;222(7):498. doi: 10.1038/sj.bdj.2017.297. PubMed PMID: 28387284.

62: Oshima M, Deitiker P, Hastings-Ison T, Aoki KR, Graham HK, Atassi MZ. Antibody responses to botulinum neurotoxin type A of toxin-treated spastic equinus children with cerebral palsy: A randomized clinical trial comparing two injection schedules. *J Neuroimmunol*. 2017 May 15;306:31-39. doi: 10.1016/j.jneuroim.2017.02.014. Epub 2017 Feb 21. PubMed PMID: 28385185.

63: Ozturk K, Erdur O, Gul O, Olmez A. Feasibility of endoscopic submandibular ganglion neurectomy for drooling. *Laryngoscope*. 2017 Jul;127(7):1604-1607. doi: 10.1002/lary.26557. Epub 2017 Mar 17. PubMed PMID: 28304087.

64: Alvarenga A, Campos M, Dias M, Melão L, Estevão-Costa J. BOTOX-A injection of salivary glands for drooling. *J Pediatr Surg*. 2017 Aug;52(8):1283-1286. doi: 10.1016/j.jpedsurg.2016.09.074. Epub 2016 Oct 14. PubMed PMID: 28277296.

65: Szuch E, Caress JB, Paudyal B, Brashear A, Cartwright MS, Strowd RE 3rd. Head drop after botox: Electrodiagnostic evaluation of iatrogenic botulinum toxicity. *Clin Neurol Neurosurg*. 2017 May;156:1-3. doi: 10.1016/j.clineuro.2017.02.012. Epub 2017 Mar 6. PubMed PMID: 28273554.

66: Halder GE, Scott L, Wyman A, Mora N, Miladinovic B, Bassaly R, Hoyte L. Botox combined with myofascial release physical therapy as a treatment for myofascial pelvic pain. *Investig Clin Urol*. 2017 Mar;58(2):134-139. doi: 10.4111/icu.2017.58.2.134. Epub 2017 Feb 1. PubMed PMID: 28261683; PubMed Central PMCID: PMC5330376.

- 67: Zhou R, Pan B, Wang C, Wang D. Mandibular Rim Trilogly with Botulinum Toxin Injection: Reduction, Projection, and Lift. *Facial Plast Surg.* 2017 Feb;33(1):102-108. doi: 10.1055/s-0037-1600525. Epub 2017 Feb 22. PubMed PMID: 28226378.
- 68: Brændvik SM, Roeleveld K, Andersen GL, Raftemo AE, Ramstad K, Majkic-Tajsic J, Lamvik T, Lund B, Follestad T, Vik T. The WE-Study: does botulinum toxin A make walking easier in children with cerebral palsy?: Study protocol for a randomized controlled trial. *Trials.* 2017 Feb 6;18(1):58. doi: 10.1186/s13063-016-1772-8. PubMed PMID: 28166806; PubMed Central PMCID: PMC5294730.
- 69: Giuliano F, Brock G. Botox for Erectile Dysfunction. *J Sex Med.* 2017 Feb;14(2):177-178. doi: 10.1016/j.jsxm.2016.12.229. PubMed PMID: 28161074.
- 70: Elizondo RA, Karmonik C, Boone TB, Khavari R. Protocol for a prospective observational study of cortical lower urinary tract control changes following intradetrusor injection of botulinum toxin-A in patients with multiple sclerosis. *BMJ Open.* 2017 Feb 3;7(2):e013225. doi: 10.1136/bmjopen-2016-013225. PubMed PMID: 28159850; PubMed Central PMCID: PMC5293986.
- 71: Do KH, Chun MH, Paik NJ, Park YG, Lee SU, Kim MW, Kim DK. Safety and efficacy of letibotulinumtoxinA(BOTULAX®) in treatment of post stroke upper limb spasticity: a randomized, double blind, multi-center, phase III clinical trial. *Clin Rehabil.* 2017 Sep;31(9):1179-1188. doi: 10.1177/0269215516689331. Epub 2017 Jan 25. PubMed PMID: 28118733.
- 72: Anand C. Facial Contouring With Fillers, Neuromodulators, and Lipolysis to Achieve a Natural Look in Patients With Facial Fullness. *J Drugs Dermatol.* 2016 Dec 1;15(12):1536-1542. PubMed PMID: 28095576.
- 73: Rahnama'i MS, Marcelissen TAT, Brierley B, Schurch B, de Vries P. Long-term compliance and results of intravesical botulinum toxin A injections in male patients. *Neurourol Urodyn.* 2017 Sep;36(7):1855-1859. doi: 10.1002/nau.23196. Epub 2017 Jan 13. PubMed PMID: 28084637.
- 74: Eshagh K, Rokhsar CK. Cosmetic approach to the Asian population. *Semin Cutan*

Med Surg. 2016 Dec;35(4):238-241. doi: 10.12788/j.sder.2016.066. Review. PubMed PMID: 27918007.

75: Yoshida K. Surgical intervention for oromandibular dystonia-related limited mouth opening: Long-term follow-up. J Craniomaxillofac Surg. 2017 Jan;45(1):56-62. doi: 10.1016/j.jcms.2016.10.009. Epub 2016 Oct 28. PubMed PMID: 27908709.

76: Connelly ST, Myung J, Gupta R, Tartaglia GM, Gizdulich A, Yang J, Silva R. Clinical outcomes of Botox injections for chronic temporomandibular disorders: do we understand how Botox works on muscle, pain, and the brain? Int J Oral Maxillofac Surg. 2017 Mar;46(3):322-327. doi: 10.1016/j.ijom.2016.11.004. Epub 2016 Nov 28. PubMed PMID: 27908491.

77: Lebaschi A, Deng XH, Coleman NW, Camp CL, Zong J, Carbone A, Carballo CB, Cong GT, Album ZM, Rodeo SA. Restriction of Postoperative Joint Loading in a Murine Model of Anterior Cruciate Ligament Reconstruction: Botulinum Toxin Paralysis and External Fixation. J Knee Surg. 2017 Sep;30(7):687-693. doi: 10.1055/s-0036-1597274. Epub 2016 Dec 1. PubMed PMID: 27907934.

78: Pacilli M, Davenport M. Results of Laparoscopic Heller's Myotomy for Achalasia in Children: A Systematic Review of the Literature. J Laparoendosc Adv Surg Tech A. 2017 Jan;27(1):82-90. doi: 10.1089/lap.2016.0169. Epub 2016 Nov 30. Review. PubMed PMID: 27901639.

79: Miotla P, Cartwright R, Skorupska K, Bogusiewicz M, Markut-Miotla E, Futyma K, Rechberger T. Urinary retention in female OAB after intravesical Botox injection: who is really at risk? Int Urogynecol J. 2017 Jun;28(6):845-850. doi: 10.1007/s00192-016-3212-4. Epub 2016 Nov 26. PubMed PMID: 27889830; PubMed Central PMCID: PMC5437187.

80: Wanitphakdeedecha R, Ungaksornpairote C, Kaewkes A, Sathaworawong A, Lektrakul N, Manuskiatti W. The efficacy of two formulations of botulinum toxin type A for masseter reduction: a split-face comparison study. J Dermatolog Treat. 2017 Aug;28(5):443-446. doi: 10.1080/09546634.2016.1263382. Epub 2016 Dec 6. PubMed PMID: 27884065.

81: Hackert T, Klaiber U, Hinz U, Kehayova T, Probst P, Knebel P, Diener MK, Schneider L, Strobel O, Michalski CW, Ulrich A, Sauer P, Büchler MW. Sphincter of Oddi botulinum toxin injection to prevent pancreatic fistula after distal pancreatectomy. *Surgery*. 2017 May;161(5):1444-1450. doi: 10.1016/j.surg.2016.09.005. Epub 2016 Nov 16. PubMed PMID: 27865590.

82: Alshubaili A, Abou-Al-Shaar H, Santhamoorthy P, Attia H, Bohlega S. Ultrasound-guided botulinum toxin A injection in the treatment of belly dancer's dyskinesia. *BMC Neurol*. 2016 Nov 17;16(1):226. PubMed PMID: 27855646; PubMed Central PMCID: PMC5114732.

83: Bradley JP, Barrow EM, Hapner ER, Klein AM, Johns MM 3rd. Botulinum Toxin-A Dosing Trends for Adductor Spasmodic Dysphonia at a Single Institution Over 10 Years. *J Voice*. 2017 May;31(3):363-365. doi: 10.1016/j.jvoice.2016.09.022. Epub 2016 Nov 10. PubMed PMID: 27839987.

84: Church JT, Gadepalli SK, Talishinsky T, Teitelbaum DH, Jarboe MD. Ultrasound-guided intrasphincteric botulinum toxin injection relieves obstructive defecation due to Hirschsprung's disease and internal anal sphincter achalasia. *J Pediatr Surg*. 2017 Jan;52(1):74-78. doi: 10.1016/j.jpedsurg.2016.10.023. Epub 2016 Oct 27. PubMed PMID: 27836361.

85: van Esch BF, Wegner I, Stegeman I, Grolman W. Effect of Botulinum Toxin and Surgery among Spasmodic Dysphonia Patients. *Otolaryngol Head Neck Surg*. 2017 Feb;156(2):238-254. doi: 10.1177/0194599816675320. Epub 2016 Nov 1. Review. PubMed PMID: 27803079.

86: Cartagena-Sevilla J, García-Fernández MR, Vicente-Villena JP. Analgesic Effect of Botulinum Toxin A in Myofascial Pain Syndrome Patients Previously Treated with Local Infiltration of Anesthetic and Steroids. *J Pain Palliat Care Pharmacother*. 2016 Dec;30(4):269-275. Epub 2016 Nov 1. PubMed PMID: 27802066.

87: Duarte GS, Castelão M, Rodrigues FB, Marques RE, Ferreira J, Sampaio C, Moore AP, Costa J. Botulinum toxin type A versus botulinum toxin type B for cervical dystonia. *Cochrane Database Syst Rev*. 2016 Oct 26;10:CD004314. Review. PubMed PMID: 27782297.

88: Vaezi MF, Felix VN, Penagini R, Mauro A, de Moura EG, Pu LZ, Martínek J, Rieder E. Achalasia: from diagnosis to management. *Ann N Y Acad Sci.* 2016 Oct;1381(1):34-44. doi: 10.1111/nyas.13176. Epub 2016 Aug 29. Review. PubMed PMID: 27571581.

89: Felix VN. Esophagectomy for end-stage achalasia. *Ann N Y Acad Sci.* 2016 Oct;1381(1):92-97. doi: 10.1111/nyas.13142. Epub 2016 Jul 8. Review. PubMed PMID: 27391556.

90: Mehnert U, de Kort LM, Wöllner J, Kozomara M, van Koeveringe GA, Kessler TM. Effects of onabotulinumtoxinA on cardiac function following intradetrusor injections. *Exp Neurol.* 2016 Nov;285(Pt B):167-172. doi: 10.1016/j.expneurol.2016.06.022. Epub 2016 Jun 22. PubMed PMID: 27342082.

91: Paradella AC, Musegante AF, Brites C. Comparison of different antibiotic protocols for asymptomatic bacteriuria in patients with neurogenic bladder treated with botulinum toxin A. *Braz J Infect Dis.* 2016 Nov - Dec;20(6):623-626. doi: 10.1016/j.bjid.2016.08.012. Epub 2016 Oct 18. PubMed PMID: 27765580.

92: Berwick S, Humble Á. Older women's negative psychological and physical experiences with injectable cosmetic treatments to the face. *J Women Aging.* 2017 Jan-Feb;29(1):51-62. doi: 10.1080/08952841.2015.1063954. Epub 2016 Aug 11. PubMed PMID: 27715903.

93: Miotla P, Cartwright R, Skorupska K, Bogusiewicz M, Markut-Miotla E, Futyma K, Rechberger T. Impact of intravesical onabotulinumtoxinA on sexual function in women with OAB. *Neurourol Urodyn.* 2017 Aug;36(6):1564-1569. doi: 10.1002/nau.23148. Epub 2016 Oct 4. PubMed PMID: 27701762.

94: Kordestani R, Small KH, Rohrich RJ. Advancements and Refinement in Facial Neuromodulators. *Plast Reconstr Surg.* 2016 Oct;138(4):803-6. doi: 10.1097/PRS.0000000000002569. PubMed PMID: 27673516.

95: Eickhoff JC, Smith JK, Landau ME, Edison JD. Iatrogenic Thenar Eminence Atrophy After Botox A Injection for Secondary Raynaud Phenomenon. *J Clin Rheumatol.* 2016 Oct;22(7):396-7. doi: 10.1097/RHU.0000000000000450. PubMed PMID: 27660946.

96: Vikelis M, Argyriou AA, Dermitzakis EV, Spingos KC, Mitsikostas DD. Onabotulinumtoxin-A treatment in Greek patients with chronic migraine. *J Headache Pain*. 2016 Dec;17(1):84. doi: 10.1186/s10194-016-0676-z. Epub 2016 Sep 17. PubMed PMID: 27640152; PubMed Central PMCID: PMC5026980.

97: Lerner MZ, Lerner BA, Patel AA, Blitzer A. Gender differences in onabotulinum toxin A dosing for adductor spasmodic dysphonia. *Laryngoscope*. 2017 May;127(5):1131-1134. doi: 10.1002/lary.26265. Epub 2016 Sep 16. PubMed PMID: 27633917.

98: Woisard V, Liu X, Bes MC, Simonetta-Moreau M. Botulinum toxin injection in laryngeal dyspnea. *Eur Arch Otorhinolaryngol*. 2017 Feb;274(2):909-917. doi: 10.1007/s00405-016-4289-6. Epub 2016 Sep 6. PubMed PMID: 27600559.

99: Steinberg A, Frederiksen SD, Blixt FW, Warfvinge K, Edvinsson L. Expression of messenger molecules and receptors in rat and human sphenopalatine ganglion indicating therapeutic targets. *J Headache Pain*. 2016 Dec;17(1):78. doi: 10.1186/s10194-016-0664-3. Epub 2016 Sep 1. Erratum in: *J Headache Pain*. 2016 Dec;17(1):86. PubMed PMID: 27587062; PubMed Central PMCID: PMC5009057.

100: Visco AG, Zyczynski H, Brubaker L, Nygaard I, Xu X, Lukacz ES, Paraiso MF, Greer J, Rahn DD, Meikle SF, Honeycutt AA. Cost-Effectiveness Analysis of Anticholinergics Versus Botox for Urgency Urinary Incontinence: Results From the Anticholinergic Versus Botox Comparison Randomized Trial. *Female Pelvic Med Reconstr Surg*. 2016 Sep-Oct;22(5):311-6. doi: 10.1097/SPV.0000000000000277. PubMed PMID: 27564385; PubMed Central PMCID: PMC5003321.

101: Bobkiewicz A, Francuzik W, Krokowicz L, Studniarek A, Ledwosiński W, Paszkowski J, Drews M, Banasiewicz T. Botulinum Toxin Injection for Treatment of Chronic Anal Fissure: Is There Any Dose-Dependent Efficiency? A Meta-Analysis. *World J Surg*. 2016 Dec;40(12):3064-3072. doi: 10.1007/s00268-016-3693-9. Review. Erratum in: *World J Surg*. 2016 Dec;40(12):3063. PubMed PMID: 27539490; PubMed Central PMCID: PMC5104788.

102: Bertossi D, Mortellaro C, Nocini P. New Clinical Analysis and Device for Botox Injections. *J Craniofac Surg*. 2016 Sep;27(6):1554-7. doi:

10.1097/SCS.0000000000002758. PubMed PMID: 27526233.

103: Mahadevan M, Gruber M, Bilish D, Edwards K, Davies-Payne D, van der Meer G. Botulinum toxin injections for chronic sialorrhoea in children are effective regardless of the degree of neurological dysfunction: A single tertiary institution experience. *Int J Pediatr Otorhinolaryngol.* 2016 Sep;88:142-5. doi: 10.1016/j.ijporl.2016.06.031. Epub 2016 Jun 11. PubMed PMID: 27497402.

104: Wein AJ. Re: Comparison of Short Term Outcomes of Sacral Nerve Stimulation and Intradetrusor Injection of OnabotulinumtoxinA (Botox) in Women with Refractory Overactive Bladder. *J Urol.* 2016 Aug;196(2):498-501. doi: 10.1016/j.juro.2016.05.071. Epub 2016 May 18. PubMed PMID: 27479400.

105: Jog M, Wein T, Bhogal M, Dhani S, Miller R, Ismail F, Beauchamp R, Trentin G. Real-World, Long-Term Quality of Life Following Therapeutic OnabotulinumtoxinA Treatment. *Can J Neurol Sci.* 2016 Sep;43(5):687-96. doi: 10.1017/cjn.2016.262. Epub 2016 Jul 19. PubMed PMID: 27430524.

106: Fezza J, Burns J, Woodward J, Truong D, Hedges T, Verma A. A cross-sectional structured survey of patients receiving botulinum toxin type A treatment for blepharospasm. *J Neurol Sci.* 2016 Aug 15;367:56-62. doi: 10.1016/j.jns.2016.05.033. Epub 2016 May 16. PubMed PMID: 27423565.

107: Vázquez-Costa JF, Máñez I, Alabajos A, Guevara Salazar M, Roda C, Sevilla T. Safety and efficacy of botulinum toxin A for the treatment of spasticity in amyotrophic lateral sclerosis: results of a pilot study. *J Neurol.* 2016 Oct;263(10):1954-60. doi: 10.1007/s00415-016-8223-z. Epub 2016 Jul 6. PubMed PMID: 27383643.

108: Gart MS, Gutowski KA. Overview of Botulinum Toxins for Aesthetic Uses. *Clin Plast Surg.* 2016 Jul;43(3):459-71. doi: 10.1016/j.cps.2016.03.003. Epub 2016 May 4. Review. PubMed PMID: 27363760.

109: Matarasso A, Nikfarjam J, Abramowitz L. Incorporating Minimally Invasive Procedures into an Aesthetic Surgery Practice. *Clin Plast Surg.* 2016 Jul;43(3):449-57. doi: 10.1016/j.cps.2016.03.001. Review. PubMed PMID: 27363759.

110: Khashab MA, Ngamruengphong S, Carr-Locke D, Bapaye A, Benias PC, Serouya S, Dorwat S, Chaves DM, Artifon E, de Moura EG, Kumbhari V, Chavez YH, Bukhari M, Hajiyeva G, Ismail A, Chen YI, Chung H. Gastric per-oral endoscopic myotomy for refractory gastroparesis: results from the first multicenter study on endoscopic pyloromyotomy (with video). *Gastrointest Endosc.* 2017 Jan;85(1):123-128. doi: 10.1016/j.gie.2016.06.048. Epub 2016 Jun 25. PubMed PMID: 27354102.

111: van Hoeij FB, Tack JF, Pandolfino JE, Sternbach JM, Roman S, Smout AJ, Bredenoord AJ. Complications of botulinum toxin injections for treatment of esophageal motility disorders†. *Dis Esophagus.* 2017 Feb 1;30(3):1-5. doi: 10.1111/dote.12491. PubMed PMID: 27337985.

112: Devine M, Taylor S, Renton T. Chronic post-surgical pain following the placement of dental implants in the maxilla: A case series. *Eur J Oral Implantol.* 2016;9 Suppl 1(2):179-86. PubMed PMID: 27314126.

113: Kara MI, Ozen E, Aksoy S, Erdogan MS. Diverse Effects of 3 Selective Serotonin Reuptake Inhibitors on Bruxism in a Depressive Patient Treated With Botox Therapy: A Case Report. *J Clin Psychopharmacol.* 2016 Aug;36(4):397-8. doi: 10.1097/JCP.0000000000000530. PubMed PMID: 27300252.

114: Marcelissen TA, Rahnama'i MS, Snijkers A, Schurch B, De Vries P. Long-term follow-up of intravesical botulinum toxin-A injections in women with idiopathic overactive bladder symptoms. *World J Urol.* 2017 Feb;35(2):307-311. doi: 10.1007/s00345-016-1862-y. Epub 2016 Jun 7. PubMed PMID: 27272312.

115: Purves JT, Spruill L, Rovner E, Borisko E, McCants A, Mugo E, Wingard A, Trusk TC, Bacro T, Hughes FM Jr. A three dimensional nerve map of human bladder trigone. *Neurourol Urodyn.* 2017 Apr;36(4):1015-1019. doi: 10.1002/nau.23049. Epub 2016 Jun 6. PubMed PMID: 27265789.

116: Thiagamorthy G, Cardozo L, Robinson D. Current and future pharmacotherapy for treating overactive bladder. *Expert Opin Pharmacother.* 2016 Jul;17(10):1317-25. doi: 10.1080/14656566.2016.1186645. Epub 2016 Jun 2. Review. PubMed PMID: 27253972.

117: Montgomery J, McCusker S, Lang K, Grosse S, Mace A, Lumley R, Kubba H. Managing children with sialorrhoea (drooling): Experience from the first 301 children in our saliva control clinic. *Int J Pediatr Otorhinolaryngol.* 2016 Jun;85:33-9. doi: 10.1016/j.ijporl.2016.03.010. Epub 2016 Mar 19. PubMed PMID: 27240493.

118: Sanassi LA. Botulinum toxin: A lift for chronic migraines. *JAAPA.* 2016 Jun;29(6):1-4. doi: 10.1097/01.JAA.0000483100.19759.ed. PubMed PMID: 27228039.

119: Carraro E, Trevisi E, Martinuzzi A. Safety profile of incobotulinum toxin A [Xeomin(®)] in gastrocnemius muscles injections in children with cerebral palsy: Randomized double-blind clinical trial. *Eur J Paediatr Neurol.* 2016 Jul;20(4):532-7. doi: 10.1016/j.ejpn.2016.04.008. Epub 2016 Apr 22. PubMed PMID: 27177451.

120: Khan MH, Baldo O, Koenig P, Shaikh N. Use of prophylactic antibiotics for intra-vesicle Botox® injection. *Neurourol Urodyn.* 2017 Mar;36(3):828. doi: 10.1002/nau.23034. Epub 2016 May 13. PubMed PMID: 27177011.

121: Chaudhry NA, Zahid K, Coman R, Zhang Q. Jackhammer oesophagus in a case of linitis plastica. *BMJ Case Rep.* 2016 May 12;2016. pii: bcr2016215292. doi: 10.1136/bcr-2016-215292. PubMed PMID: 27174454; PubMed Central PMCID: PMC4885346.

122: Mor N, Tang C, Blitzer A. Botulinum Toxin in Secondarily Nonresponsive Patients with Spasmodic Dysphonia. *Otolaryngol Head Neck Surg.* 2016 Sep;155(3):458-61. doi: 10.1177/0194599816644708. Epub 2016 May 3. PubMed PMID: 27143711.

123: Conidi FX. Interventional Treatment for Post-traumatic Headache. *Curr Pain Headache Rep.* 2016 Jun;20(6):40. doi: 10.1007/s11916-016-0570-z. Review. PubMed PMID: 27130542.

124: Baumeister JC, Papa G, Foroni F. Deeper than skin deep - The effect of botulinum toxin-A on emotion processing. *Toxicon.* 2016 Aug;118:86-90. doi: 10.1016/j.toxicon.2016.04.044. Epub 2016 Apr 26. PubMed PMID: 27130038.

125: Narurkar VA, Cohen JL, Dayan S, Kaminer MS, Rivkin A, Shamban A, Sykes JM, Teller CF, Weinkle SH, Werschler WP, Drinkwater A, Pucci ML, Gallagher CJ. A Comprehensive Approach to Multimodal Facial Aesthetic Treatment: Injection Techniques and Treatment Characteristics From the HARMONY Study. *Dermatol Surg*. 2016 May;42 Suppl 2:S177-91. doi: 10.1097/DSS.0000000000000743. Erratum in: *Dermatol Surg*. 2016 Nov;42(11):1311. PubMed PMID: 27128246.

126: Gupta AD, Visvanathan R. Botulinum toxin for foot dystonia in patients with Parkinson's disease having deep brain stimulation: A case series and a pilot study. *J Rehabil Med*. 2016 Jun 13;48(6):559-62. doi: 10.2340/16501977-2094. PubMed PMID: 27122065.

127: Wilson AJ, Chang B, Taglienti AJ, Chin BC, Chang CS, Folsom N, Percec I. A Quantitative Analysis of OnabotulinumtoxinA, AbobotulinumtoxinA, and IncobotulinumtoxinA: A Randomized, Double-Blind, Prospective Clinical Trial of Comparative Dynamic Strain Reduction. *Plast Reconstr Surg*. 2016 May;137(5):1424-33. doi: 10.1097/PRS.0000000000002076. PubMed PMID: 27119918.

128: Boneti C, Anakwenze CP, de la Torre J, Weaver TL, Collawn SS. Two-Year Follow-Up of Autologous Fat Grafting With Laser-Assisted Facelifts. *Ann Plast Surg*. 2016 Jun;76 Suppl 4:S260-3. doi: 10.1097/SAP.0000000000000773. PubMed PMID: 27070682.

129: Choe WJ, Kim J. Increasing the area and varying the dosage of Botulinum toxin a injections for effective treatment of hemifacial spasm. *Acta Otolaryngol*. 2016 Sep;136(9):952-5. doi: 10.3109/00016489.2016.1165864. Epub 2016 Apr 12. PubMed PMID: 27067535.

130: Nelson RL. Efficacy of Fissurectomy and Botox for Chronic Anal Fissure. *Dis Colon Rectum*. 2016 May;59(5):e41. doi: 10.1097/DCR.0000000000000563. PubMed PMID: 27050610.

131: Russo M, Manzoni GC, Taga A, Genovese A, Veronesi L, Pasquarella C, Sansebastiano GE, Torelli P. The use of onabotulinum toxin A (Botox®) in the treatment of chronic migraine at the Parma Headache Centre: a prospective observational study. *Neurol Sci*. 2016 Jul;37(7):1127-31. doi: 10.1007/s10072-016-2568-z. Epub 2016 Apr 5. PubMed PMID: 27048312.

132: Laufer S, Kempton SJ, Maciolek K, Terry A, Ray RD, Pugh CM, Afifi AM. A Multi-Layered Needle Injection Simulator. *Stud Health Technol Inform.* 2016;220:205-8. PubMed PMID: 27046579.

133: Fuchs HF, Broderick RC, Harnsberger CR, Divo FA, Coker AM, Jacobsen GR, Sandler BJ, Bouvet M, Horgan S. Intraoperative Endoscopic Botox Injection During Total Esophagectomy Prevents the Need for Pyloromyotomy or Dilatation. *J Laparoendosc Adv Surg Tech A.* 2016 Jun;26(6):433-8. doi: 10.1089/lap.2015.0575. Epub 2016 Apr 4. PubMed PMID: 27043862.

134: Miller J, Clarkson E. Botulinum Toxin Type A: Review and Its Role in the Dental Office. *Dent Clin North Am.* 2016 Apr;60(2):509-21. doi: 10.1016/j.cden.2015.11.007. Review. PubMed PMID: 27040299.

135: Halpern L, Willis P. Orofacial Pain: Pharmacologic Paradigms for Therapeutic Intervention. *Dent Clin North Am.* 2016 Apr;60(2):381-405. doi: 10.1016/j.cden.2015.11.011. Review. PubMed PMID: 27040291.

136: Peyronnet B, Castel-Lacanal E, Roumiguie M, Even L, Marque P, Soulié M, Rischmann P, Game X. Intradetrusor injections of onabotulinum toxin A (Botox®) 300 U or 200 U versus abobotulinum toxin A (Dysport®) 750 U in the management of neurogenic detrusor overactivity: A case control study. *Neurourol Urodyn.* 2017 Mar;36(3):734-739. doi: 10.1002/nau.23009. Epub 2016 Mar 31. PubMed PMID: 27037973.

137: Wissel J, Ganapathy V, Ward AB, Borg J, Ertzgaard P, Herrmann C, Haggstrom A, Sakel M, Ma J, Dimitrova R, Fulford-Smith A, Gillard P. OnabotulinumtoxinA Improves Pain in Patients With Post-Stroke Spasticity: Findings From a Randomized, Double-Blind, Placebo-Controlled Trial. *J Pain Symptom Manage.* 2016 Jul;52(1):17-26. doi: 10.1016/j.jpainsymman.2016.01.007. Epub 2016 Mar 30. PubMed PMID: 27037050.

138: Lebares C, Swanstrom LL. Per-Oral Pyloromyotomy (POP): An Emerging Application of Submucosal Tunneling for the Treatment of Refractory Gastroparesis. *Gastrointest Endosc Clin N Am.* 2016 Apr;26(2):257-270. doi: 10.1016/j.giec.2015.12.012. Review. PubMed PMID: 27036896.

139: Boules M, Corcelles R, Zelisko A, Batayyah E, Froylich D, Rodriguez J, Brethauer S, El-Hayek K, Kroh M. Achalasia After Bariatric Surgery. *J Laparoendosc Adv Surg Tech A*. 2016 Jun;26(6):428-32. doi: 10.1089/lap.2015.0531. Epub 2016 Apr 1. PubMed PMID: 27035633.

140: Kollwe K, Escher CM, Wulff DU, Fathi D, Paracka L, Mohammadi B, Karst M, Dressler D. Long-term treatment of chronic migraine with OnabotulinumtoxinA: efficacy, quality of life and tolerability in a real-life setting. *J Neural Transm (Vienna)*. 2016 May;123(5):533-40. doi: 10.1007/s00702-016-1539-0. Epub 2016 Mar 31. PubMed PMID: 27032774.

141: Tilden D, Guarnieri C. Cost-Effectiveness of Incobotulinumtoxin-A with Flexible Treatment Intervals Compared to Onabotulinumtoxin-A in the Management of Blepharospasm and Cervical Dystonia. *Value Health*. 2016 Mar-Apr;19(2):145-52. doi: 10.1016/j.jval.2015.11.009. Epub 2015 Dec 29. PubMed PMID: 27021747.

142: Pinar Y, Govsa F, Ozer MA, Ertam I. Anatomoccosmetic implication rules of the corrugator supercilii muscle for youthful eye appearance. *Surg Radiol Anat*. 2016 Nov;38(9):1045-1051. Epub 2016 Mar 28. PubMed PMID: 27021220.

143: Pihut M, Ferendiuk E, Szewczyk M, Kasprzyk K, Wieckiewicz M. The efficiency of botulinum toxin type A for the treatment of masseter muscle pain in patients with temporomandibular joint dysfunction and tension-type headache. *J Headache Pain*. 2016;17:29. doi: 10.1186/s10194-016-0621-1. Epub 2016 Mar 24. PubMed PMID: 27011213; PubMed Central PMCID: PMC4807183.

144: Kwanchuay P, Petchnumsin T, Yiemsiri P, Pasuk N, Srikanok W, Hathaiareerug C. Efficacy and Safety of Single Botulinum Toxin Type A (Botox®) Injection for Relief of Upper Trapezius Myofascial Trigger Point: A Randomized, Double-Blind, Placebo-Controlled Study. *J Med Assoc Thai*. 2015 Dec;98(12):1231-6. PubMed PMID: 27004309.

145: Dressler D, Adib Saberi F, Bigalke H. Botulinum toxin therapy: reduction of injection site pain by pH normalisation. *J Neural Transm (Vienna)*. 2016 May;123(5):527-31. doi: 10.1007/s00702-016-1522-9. Epub 2016 Mar 22. PubMed PMID: 27002815.

146: Kuo YC, Kuo HC. Adverse Events of Intravesical OnabotulinumtoxinA Injection between Patients with Overactive Bladder and Interstitial Cystitis--Different Mechanisms of Action of Botox on Bladder Dysfunction? *Toxins (Basel)*. 2016 Mar 16;8(3). pii: E75. doi: 10.3390/toxins8030075. PubMed PMID: 26999201; PubMed Central PMCID: PMC4810220.

147: Fougere RJ, Currie KD, Nigro MK, Stothers L, Rapoport D, Krassioukov AV. Reduction in Bladder-Related Autonomic Dysreflexia after OnabotulinumtoxinA Treatment in Spinal Cord Injury. *J Neurotrauma*. 2016 Sep 15;33(18):1651-7. doi: 10.1089/neu.2015.4278. Epub 2016 Apr 13. PubMed PMID: 26980078; PubMed Central PMCID: PMC5035837.

148: He D, Manzoni A, Florentin D, Fisher W, Ding Y, Lee M, Ayala G. Biologic effect of neurogenesis in pancreatic cancer. *Hum Pathol*. 2016 Jun;52:182-9. doi: 10.1016/j.humpath.2016.02.001. Epub 2016 Mar 2. PubMed PMID: 26980040.

149: Scaglione F. Conversion Ratio between Botox®, Dysport®, and Xeomin® in Clinical Practice. *Toxins (Basel)*. 2016 Mar 4;8(3). pii: E65. doi: 10.3390/toxins8030065. Review. PubMed PMID: 26959061; PubMed Central PMCID: PMC4810210.

150: Lee B, Featherstone N, Nagappan P, McCarthy L, O'Toole S. British Association of Paediatric Urologists consensus statement on the management of the neuropathic bladder. *J Pediatr Urol*. 2016 Apr;12(2):76-87. doi: 10.1016/j.jpuro.2016.01.002. Epub 2016 Jan 29. Review. PubMed PMID: 26946946.

151: Botox provides tone reduction and clinical benefit in hemiparesis. *Nurs Older People*. 2016 Feb;28(1):13. doi: 10.7748/nop.28.1.13.s16. PubMed PMID: 26938603.

152: Miotla P, Cartwright R, Futyma K, Bogusiewicz M, Skorupska K, Winkler I, Rechberger T. Can botox improve night-time overactive bladder symptoms in women? *Neurourol Urodyn*. 2017 Mar;36(3):648-652. doi: 10.1002/nau.22983. Epub 2016 Feb 24. PubMed PMID: 26915654.

153: Han Y, Stevens AL, Dashtipour K, Hauser RA, Mari Z. A mixed treatment comparison to compare the efficacy and safety of botulinum toxin treatments for cervical dystonia. *J Neurol*. 2016 Apr;263(4):772-80. doi: 10.1007/s00415-016-8050-2. Epub 2016 Feb 25. PubMed PMID: 26914922; PubMed Central PMCID: PMC4826665.

154: Melville JC, Stackowicz DJ, Jundt JS, Shum JW. Use of Botox (OnabotulinumtoxinA) for the Treatment of Parotid Sialocele and Fistula After Extirpation of Buccal Squamous Cell Carcinoma With Immediate Reconstruction Using Microvascular Free Flap: A Report of 3 Cases. *J Oral Maxillofac Surg*. 2016 Aug;74(8):1678-86. doi: 10.1016/j.joms.2016.01.038. Epub 2016 Jan 29. PubMed PMID: 26902710.

155: White N, Iglesia CB. Overactive Bladder. *Obstet Gynecol Clin North Am*. 2016 Mar;43(1):59-68. doi: 10.1016/j.ogc.2015.10.002. Review. PubMed PMID: 26880508.

156: Patil S, Willett O, Thompkins T, Hermann R, Ramanathan S, Cornett EM, Fox CJ, Kaye AD. Botulinum Toxin: Pharmacology and Therapeutic Roles in Pain States. *Curr Pain Headache Rep*. 2016 Mar;20(3):15. doi: 10.1007/s11916-016-0545-0. Review. PubMed PMID: 26879873.

157: Smith CP, Chancellor MB. Botulinum Toxin to Treat Neurogenic Bladder. *Semin Neurol*. 2016 Feb;36(1):5-9. doi: 10.1055/s-0035-1571216. Epub 2016 Feb 11. Review. PubMed PMID: 26866490.

158: Alam NN, Narang SK, Pathak S, Daniels IR, Smart NJ. Methods of abdominal wall expansion for repair of incisional herniae: a systematic review. *Hernia*. 2016 Apr;20(2):191-9. doi: 10.1007/s10029-016-1463-0. Epub 2016 Feb 9. Review. PubMed PMID: 26860729.

159: Hsiao SM, Lin HH, Kuo HC. Factors Associated with Therapeutic Efficacy of Intravesical OnabotulinumtoxinA Injection for Overactive Bladder Syndrome. *PLoS One*. 2016 Jan 29;11(1):e0147137. doi: 10.1371/journal.pone.0147137. eCollection 2016. PubMed PMID: 26824901; PubMed Central PMCID: PMC4732812.

160: Negro A, Curto M, Lionetto L, Martelletti P. A two years open-label prospective study of OnabotulinumtoxinA 195 U in medication overuse headache: a

real-world experience. *J Headache Pain*. 2015;17:1. doi: 10.1186/s10194-016-0591-3. Epub 2016 Jan 21. PubMed PMID: 26792662; PubMed Central PMCID: PMC4720620.

161: Chang BL, Wilson AJ, Taglienti AJ, Chang CS, Folsom N, Percec I. Patient Perceived Benefit in Facial Aesthetic Procedures: FACE-Q as a Tool to Study Botulinum Toxin Injection Outcomes. *Aesthet Surg J*. 2016 Jul;36(7):810-20. doi: 10.1093/asj/sjv244. Epub 2016 Jan 17. PubMed PMID: 26780945.

162: Grippaudo FR, Atzeni M, Santanelli di Pompeo F. Review of quality of patient information regarding Botox(®) cosmetic on the internet. *J Plast Reconstr Aesthet Surg*. 2016 Mar;69(3):e64-6. doi: 10.1016/j.bjps.2015.12.008. Epub 2016 Jan 7. PubMed PMID: 26776351.

163: Moon YE, Choi JH, Park HJ, Park JH, Kim JH. Ultrasound-Guided Nerve Block with Botulinum Toxin Type A for Intractable Neuropathic Pain. *Toxins (Basel)*. 2016 Jan 8;8(1). pii: E18. doi: 10.3390/toxins8010018. PubMed PMID: 26761032; PubMed Central PMCID: PMC4728540.

164: Oh HM, Park JH, Song DH, Chung ME. Efficacy and Safety of a New Botulinum Toxin Type A Free of Complexing Proteins. *Toxins (Basel)*. 2015 Dec 24;8(1). pii: E4. doi: 10.3390/toxins8010004. PubMed PMID: 26712786; PubMed Central PMCID: PMC4728526.

165: Unlu O, Okoh A, Yilmaz B, Roach EC, Olayan M, Shatnawei A. Endoluminal Bariatric Interventions: Where do we stand? Where are we going? *Acta Gastroenterol Belg*. 2015 Dec;78(4):415-23. Review. PubMed PMID: 26712053.

166: Soler JM, Previnaire JG, Hadiji N. Predictors of outcome for urethral injection of botulinum toxin to treat detrusor sphincter dyssynergia in men with spinal cord injury. *Spinal Cord*. 2016 Jun;54(6):452-6. doi: 10.1038/sc.2015.224. Epub 2015 Dec 29. Erratum in: *Spinal Cord*. 2016 Jun;54(6):492. PubMed PMID: 26712037.

167: Ruzbarsky JJ, Scher D, Dodwell E. Toe walking: causes, epidemiology, assessment, and treatment. *Curr Opin Pediatr*. 2016 Feb;28(1):40-6. doi: 10.1097/MOP.0000000000000302. Review. PubMed PMID: 26709689.

168: Lungren MP, Halula S, Coyne S, Sidell D, Racadio JM, Patel MN. Ultrasound-Guided Botulinum Toxin Type A Salivary Gland Injection in Children for Refractory Sialorrhea: 10-Year Experience at a Large Tertiary Children's Hospital. *Pediatr Neurol*. 2016 Jan;54:70-5. doi: 10.1016/j.pediatrneurol.2015.09.014. Epub 2015 Sep 28. PubMed PMID: 26706481.

169: Raup VT, Eswara JR, Marshall SD, Brandes SB. Botulinum Toxin Type A Injections for the Treatment of Continent Catheterizable Ileal-colic Urinary Diversion Muscularis Overactivity. *Urology*. 2016 Feb;88:213-7. doi: 10.1016/j.urology.2015.11.008. Epub 2015 Nov 30. PubMed PMID: 26657473.

170: Forde G, Duarte RA, Rosen N. Managing Chronic Headache Disorders. *Med Clin North Am*. 2016 Jan;100(1):117-41. doi: 10.1016/j.mcna.2015.09.006. Review. PubMed PMID: 26614723.

171: Hastings-Ison T, Blackburn C, Rawicki B, Fahey M, Simpson P, Baker R, Graham K. Injection frequency of botulinum toxin A for spastic equinus: a randomized clinical trial. *Dev Med Child Neurol*. 2016 Jul;58(7):750-7. doi: 10.1111/dmcn.12962. Epub 2015 Nov 20. PubMed PMID: 26589633.

172: Dressler D. Botulinum toxin drugs: brief history and outlook. *J Neural Transm (Vienna)*. 2016 Mar;123(3):277-9. doi: 10.1007/s00702-015-1478-1. Epub 2015 Nov 11. Review. PubMed PMID: 26559824.

173: Visco AG, Brubaker L, Jelovsek JE, Wilson TS, Norton P, Zyczynski HM, Spino C, Sirls L, Nguyen JN, Rahn DD, Meikle SF, Nolen TL; Pelvic Floor Disorders Network. Adherence to Oral Therapy for Urgency Urinary Incontinence: Results from the Anticholinergic Versus Botox Comparison (ABC) Trial. *Female Pelvic Med Reconstr Surg*. 2016 Jan-Feb;22(1):24-8. doi: 10.1097/SPV.0000000000000215. PubMed PMID: 26516810; PubMed Central PMCID: PMC4684726.

174: Singh R, El Nashar SA, Trabuco EC, Klingele CJ, Gebhart JB, Occhino JA. Comparison of Short Term Outcomes of Sacral Nerve Stimulation and Intratetrusor Injection of OnabotulinumtoxinA (Botox) in Women With Refractory Overactive Bladder. *Female Pelvic Med Reconstr Surg*. 2015 Nov-Dec;21(6):369-73. doi: 10.1097/SPV.0000000000000200. PubMed PMID: 26506168.

175: Freemantle N, Khalaf K, Loveman C, Stanistic S, Gulyaev D, Lister J, Drake M. OnabotulinumtoxinA in the treatment of overactive bladder: a cost-effectiveness analysis versus best supportive care in England and Wales. *Eur J Health Econ.* 2016 Sep;17(7):911-21. doi: 10.1007/s10198-015-0737-2. Epub 2015 Oct 19. PubMed PMID: 26482712.

176: Fenner A. Botox injections are effective for Fowler's syndrome. *Nat Rev Urol.* 2015 Dec;12(12):653. doi: 10.1038/nrurol.2015.258. Epub 2015 Oct 20. Review. PubMed PMID: 26481577.

177: Greer T, Abbott J, Breytenbach W, McGuane D, Barker A, Khosa J, Samnakay N. Ten years of experience with intravesical and intrasphincteric onabotulinumtoxinA in children. *J Pediatr Urol.* 2016 Apr;12(2):94.e1-6. doi: 10.1016/j.jpuro.2015.06.019. Epub 2015 Oct 21. PubMed PMID: 26472538.

178: Simpson CB, Lee CT, Hatcher JL, Michalek J. Botulinum toxin treatment of false vocal folds in adductor spasmodic dysphonia: Functional outcomes. *Laryngoscope.* 2016 Jan;126(1):118-21. doi: 10.1002/lary.25515. Epub 2015 Oct 15. PubMed PMID: 26467807.

179: Wu WT. Microbotox of the Lower Face and Neck: Evolution of a Personal Technique and Its Clinical Effects. *Plast Reconstr Surg.* 2015 Nov;136(5 Suppl):92S-100S. doi: 10.1097/PRS.0000000000001827. Review. PubMed PMID: 26441119.

180: Gart MS, Gutowski KA. Aesthetic Uses of Neuromodulators: Current Uses and Future Directions. *Plast Reconstr Surg.* 2015 Nov;136(5 Suppl):62S-71S. doi: 10.1097/PRS.0000000000001773. Review. PubMed PMID: 26441114.

181: Eviatar J, Lo C, Kirsztrot J. Radiesse: Advanced Techniques and Applications for a Unique and Versatile Implant. *Plast Reconstr Surg.* 2015 Nov;136(5 Suppl):164S-170S. doi: 10.1097/PRS.0000000000001825. Review. PubMed PMID: 26441087.

182: Dat A, Chin M, Skinner S, Farmer C, Wale R, Carne P, Bell S, Warriar SK.

Botulinum toxin therapy for chronic anal fissures: where are we at currently? ANZ J Surg. 2017 Sep;87(9):E70-E73. doi: 10.1111/ans.13329. Epub 2015 Sep 30. PubMed PMID: 26423046.

183: Lightbody KA, Wilkie MD, Kinshuck AJ, Gilmartin E, Lewis-Jones H, Jones TM, Lancaster J. Injection of botulinum toxin for the treatment of post-laryngectomy pharyngoesophageal spasm-related disorders. Ann R Coll Surg Engl. 2015 Oct;97(7):508-12. doi: 10.1308/rcsann.2015.0011. PubMed PMID: 26414361; PubMed Central PMCID: PMC5210135.

184: Nazir J, Maman K, Neine ME, Briquet B, Odeyemi IA, Hakimi Z, Garnham A, Aballéa S. Cost-Effectiveness of Mirabegron Compared with Antimuscarinic Agents for the Treatment of Adults with Overactive Bladder in the United Kingdom. Value Health. 2015 Sep;18(6):783-90. doi: 10.1016/j.jval.2015.05.011. Epub 2015 Sep 9. PubMed PMID: 26409605.

185: Maasumi K, Thompson NR, Kriegler JS, Tepper SJ. Effect of OnabotulinumtoxinA Injection on Depression in Chronic Migraine. Headache. 2015 Oct;55(9):1218-24. doi: 10.1111/head.12657. Epub 2015 Sep 18. Erratum in: Headache. 2016 Feb;56(2):449. PubMed PMID: 26381856.

186: Rystedt A, Zetterberg L, Burman J, Nyholm D, Johansson A. A Comparison of Botox 100 U/mL and Dysport 100 U/mL Using Dose Conversion Ratio 1: 3 and 1: 1.7 in the Treatment of Cervical Dystonia: A Double-Blind, Randomized, Crossover Trial. Clin Neuropharmacol. 2015 Sep-Oct;38(5):170-6. doi: 10.1097/WNF.000000000000101. PubMed PMID: 26366966.

187: Miotla P, Futyma K, Cartwright R, Bogusiewicz M, Skorupska K, Markut-Miotla E, Rechberger T. Effectiveness of botulinum toxin injection in the treatment of de novo OAB symptoms following midurethral sling surgery. Int Urogynecol J. 2016 Mar;27(3):393-8. doi: 10.1007/s00192-015-2839-x. Epub 2015 Sep 12. PubMed PMID: 26364180; PubMed Central PMCID: PMC4766229.

188: Kocdor P, Siegel ER, Tulunay-Ugur OE. Cricopharyngeal dysfunction: A systematic review comparing outcomes of dilatation, botulinum toxin injection, and myotomy. Laryngoscope. 2016 Jan;126(1):135-41. doi: 10.1002/lary.25447. Epub 2015 Sep 11. Review. PubMed PMID: 26360122.

- 189: Hashim H, Beusterien K, Bridges JF, Amos K, Cardozo L. Patient preferences for treating refractory overactive bladder in the UK. *Int Urol Nephrol*. 2015 Oct;47(10):1619-27. doi: 10.1007/s11255-015-1100-3. Epub 2015 Sep 7. PubMed PMID: 26347077.
- 190: Chang MA. Possible Adverse Effects of Repeated Botulinum Toxin A Injections to Decrease Post-Stroke Spasticity in Adults Undergoing Rehabilitation: A Review of the Literature. *J Allied Health*. 2015 Fall;44(3):140-4. Review. PubMed PMID: 26342610.
- 191: Brennan C. Aesthetic Policy and Procedure Protocols: A "Must Have" for Every Aesthetic Medical Provider. *Plast Surg Nurs*. 2015 Jul-Sep;35(3):127-8. doi: 10.1097/PSN.000000000000100. PubMed PMID: 26313675.
- 192: Bibi S, Zutshi M, Gurland B, Hull T. Is Botox for anal pain an effective treatment option? *Postgrad Med*. 2016 Jan;128(1):41-5. doi: 10.1080/00325481.2015.1081047. Epub 2015 Aug 26. PubMed PMID: 26308909.
- 193: Tang CG, Novakovic D, Mor N, Blitzer A. Onabotulinum toxin A dosage trends over time for adductor spasmodic dysphonia: A 15-year experience. *Laryngoscope*. 2016 Mar;126(3):678-81. doi: 10.1002/lary.25551. Epub 2015 Aug 26. PubMed PMID: 26308153.
- 194: Sosa-Stanley J, Vandendool K, Kiev J. Redo Heller Myotomy for Achalasia in a Patient with Down Syndrome: a Case Report. *W V Med J*. 2015 Jul-Aug;111(4):16-8. PubMed PMID: 26242027.
- 195: Hsin-Ti L, Wen-Sheng L, Yi-Chia W, Ya-Wei L, Wen ZH, David WH, Su-Shin L. The Effect in Topical Use of Lycogen(TM) via Sonophoresis for Anti-aging on Facial Skin. *Curr Pharm Biotechnol*. 2015;16(12):1063-9. PubMed PMID: 26238679.
- 196: Nam HS, Park YG, Paik NJ, Oh BM, Chun MH, Yang HE, Kim DH, Yi Y, Seo HG, Kim KD, Chang MC, Ryu JH, Lee SU. Efficacy and safety of NABOTA in post-stroke upper limb spasticity: a phase 3 multicenter, double-blinded, randomized controlled trial. *J Neurol Sci*. 2015 Oct 15;357(1-2):192-7. doi: 10.1016/j.jns.2015.07.028.

Epub 2015 Jul 21. PubMed PMID: 26233808.

197: Markakis C, Wan A, Spartalis E, Vasilikostas G. eComment. Alternative approaches to pyloric disruption after oesophagectomy: Stapled pyloroplasty versus dilatation and botox injection. *Interact Cardiovasc Thorac Surg*. 2015 Aug;21(2):146. doi: 10.1093/icvts/ivv172. PubMed PMID: 26203128.

198: Grimes KL, Inoue H, Onimaru M, Ikeda H, Tansawet A, Bechara R, Tanaka S. Double-scope per oral endoscopic myotomy (POEM): a prospective randomized controlled trial. *Surg Endosc*. 2016 Apr;30(4):1344-51. doi: 10.1007/s00464-015-4396-2. Epub 2015 Jul 15. PubMed PMID: 26173548.

199: Møller E, Pedersen SA, Vinicoff PG, Bardow A, Lykkeaa J, Svendsen P, Bakke M. Onabotulinumtoxin A Treatment of Drooling in Children with Cerebral Palsy: A Prospective, Longitudinal Open-Label Study. *Toxins (Basel)*. 2015 Jun 30;7(7):2481-93. doi: 10.3390/toxins7072481. PubMed PMID: 26134257; PubMed Central PMCID: PMC4516924.

200: Jones EL, Meara MP, Pittman MR, Hazy JW, Perry KA. Prior treatment does not influence the performance or early outcome of per-oral endoscopic myotomy for achalasia. *Surg Endosc*. 2016 Apr;30(4):1282-6. doi: 10.1007/s00464-015-4339-y. Epub 2015 Jun 27. PubMed PMID: 26123336.

201: Sorgun MH, Yilmaz R, Akin YA, Mercan FN, Akbostanci MC. Botulinum toxin injections for the treatment of hemifacial spasm over 16 years. *J Clin Neurosci*. 2015 Aug;22(8):1319-25. doi: 10.1016/j.jocn.2015.02.032. Epub 2015 Jun 19. PubMed PMID: 26100157.

202: van Hoeij FB, Smout AJ, Bredenoord AJ. Characterization of idiopathic esophagogastric junction outflow obstruction. *Neurogastroenterol Motil*. 2015 Sep;27(9):1310-6. doi: 10.1111/nmo.12625. Epub 2015 Jun 21. PubMed PMID: 26095469.

203: Kukar M, Hochwald SN. Minimally Invasive Esophagectomy with Cervical Anastomosis. *Ann Surg Oncol*. 2015 Dec;22 Suppl 3:S1339. doi: 10.1245/s10434-015-4662-5. Epub 2015 Jun 17. PubMed PMID: 26082198.

- 204: Sinno S, Barr J, Wilson S, Smith BD, Tanna N, Saadeh PB. Public Perceptions of Plastic Surgery: Analysis and Implications. *J Craniofac Surg.* 2015 Jun;26(4):1238-41. doi: 10.1097/SCS.0000000000001756. PubMed PMID: 26080165.
- 205: Chism M. Seven reasons you are losing patients to the competition. *J Med Pract Manage.* 2015 Mar-Apr;30(5):338-40. PubMed PMID: 26062331.
- 206: Montojo J, González R, Hernández E, Zafra M, Plaza G. Office-based laryngeal injection of botulinum toxin for paradoxical vocal fold motion in a child. *Int J Pediatr Otorhinolaryngol.* 2015 Jul;79(7):1161-3. doi: 10.1016/j.ijporl.2015.04.044. Epub 2015 May 8. PubMed PMID: 26032616.
- 207: Seo HG, Paik NJ, Lee SU, Oh BM, Chun MH, Kwon BS, Bang MS. Neuronox versus BOTOX in the Treatment of Post-Stroke Upper Limb Spasticity: A Multicenter Randomized Controlled Trial. *PLoS One.* 2015 Jun 1;10(6):e0128633. doi: 10.1371/journal.pone.0128633. eCollection 2015. PubMed PMID: 26030192; PubMed Central PMCID: PMC4452301.
- 208: Grazzi L, Usai S. Onabotulinum toxin A (Botox) for chronic migraine treatment: an Italian experience. *Neurol Sci.* 2015 May;36 Suppl 1:33-5. doi: 10.1007/s10072-015-2140-2. PubMed PMID: 26017508.
- 209: Barbanti P, Egeo G, Fofi L, Aurilia C, Piroso S. Rationale for use of onabotulinum toxin A (BOTOX) in chronic migraine. *Neurol Sci.* 2015 May;36 Suppl 1:29-32. doi: 10.1007/s10072-015-2195-0. Review. PubMed PMID: 26017507.
- 210: Jiménez-Cidre MA, Arlandis-Guzmán S; en representación del Grupo Español para el uso de Toxina Botulínica en Urología (ALLURA). OnabotulinumtoxinA in overactive bladder: Evidence-based consensus recommendations. *Actas Urol Esp.* 2016 Apr;40(3):139-47. doi: 10.1016/j.acuro.2015.04.001. Epub 2015 May 23. Review. English, Spanish. PubMed PMID: 26007622.
- 211: Ford AP, Udem BJ, Birder LA, Grundy D, Pijacka W, Paton JF. P2X3 receptors and sensitization of autonomic reflexes. *Auton Neurosci.* 2015 Sep;191:16-24. doi: 10.1016/j.autneu.2015.04.005. Epub 2015 Apr 25. Review. PubMed PMID: 25956567.

212: Singh S, Davis H, Wilson P. Axillary hyperhidrosis: A review of the extent of the problem and treatment modalities. *Surgeon*. 2015 Oct;13(5):279-85. doi: 10.1016/j.surge.2015.03.003. Epub 2015 Apr 23. Review. PubMed PMID: 25921800.

213: Likes KC, Orlando MS, Salditch Q, Mirza S, Cohen A, Reifsnyder T, Lum YW, Freischlag JA. Lessons Learned in the Surgical Treatment of Neurogenic Thoracic Outlet Syndrome Over 10 Years. *Vasc Endovascular Surg*. 2015 Jan-Feb;49(1-2):8-11. doi: 10.1177/1538574415583850. Epub 2015 Apr 27. PubMed PMID: 25916629.

214: Kuo HC, Jiang YH, Tsai YC, Kuo YC. Intravesical botulinum toxin-A injections reduce bladder pain of interstitial cystitis/bladder pain syndrome refractory to conventional treatment - A prospective, multicenter, randomized, double-blind, placebo-controlled clinical trial. *Neurourol Urodyn*. 2016 Jun;35(5):609-14. doi: 10.1002/nau.22760. Epub 2015 Apr 24. PubMed PMID: 25914337.

215: Morrissey D, El-Khawand D, Ginzburg N, Wehbe S, O'Hare P 3rd, Whitmore K. Botulinum Toxin A Injections Into Pelvic Floor Muscles Under Electromyographic Guidance for Women With Refractory High-Tone Pelvic Floor Dysfunction: A 6-Month Prospective Pilot Study. *Female Pelvic Med Reconstr Surg*. 2015 Sep-Oct;21(5):277-82. doi: 10.1097/SPV.000000000000177. PubMed PMID: 25900057.

216: Alsinnawi M, Torreggiani W, Sheikh M, Thomas A, Donnellan J, Flynn R, Mcdermott TE, Thornhill J. Delayed contrast-enhanced MRI to localize Botox after cystoscopic intravesical injection. *Int Urol Nephrol*. 2015 Jun;47(6):893-8. doi: 10.1007/s11255-015-0976-2. Epub 2015 Apr 19. PubMed PMID: 25894961.

217: Chibelea C, Nechifor-Boila IA. Botulinum neurotoxin A for overactive bladder treatment: advantages and pitfalls. *Can J Urol*. 2015 Apr;22(2):7681-9. Review. PubMed PMID: 25891330.

218: Keihani S, Glassberg KI, Kajbafzadeh AM. Commentary to "Effect of Botox injection at the bladder neck in boys with bladder dysfunction after valve ablation". *J Pediatr Urol*. 2015 Apr;11(2):104-5. doi: 10.1016/j.jpuro.2015.01.014. Epub 2015 Mar 13. PubMed PMID: 25863678.

219: Benninger MS, Hanick A, Hicks DM. Cricothyroid Muscle Botulinum Toxin

Injection to Improve Airway for Bilateral Recurrent Laryngeal Nerve Paralysis, A Case Series. *J Voice*. 2016 Jan;30(1):96-9. doi: 10.1016/j.jvoice.2015.02.008. Epub 2015 Mar 24. PubMed PMID: 25814315.

220: Nambiar AK, Younis A, Khan ZA, Hildrup I, Emery SJ, Lucas MG. Alkalinized lidocaine versus lidocaine gel as local anesthesia prior to intra-vesical botulinum toxin (BoNTA) injections: A prospective, single center, randomized, double-blind, parallel group trial of efficacy and morbidity. *Neurourol Urodyn*. 2016 Apr;35(4):522-7. doi: 10.1002/nau.22750. Epub 2015 Mar 8. PubMed PMID: 25754188.

221: Ziahosseini K, Al-Abbadi Z, Malhotra R. Botulinum toxin injection for the treatment of epiphora in lacrimal outflow obstruction. *Eye (Lond)*. 2015 May;29(5):656-61. doi: 10.1038/eye.2015.18. Epub 2015 Mar 6. PubMed PMID: 25744443; PubMed Central PMCID: PMC4429273.

222: Malcmacher L. Botoxonomics. The economics of adding Botox and dermal fillers to your practice. *J N J Dent Assoc*. 2014 Fall;85(4):16-7. PubMed PMID: 25739137.

223: Hamdy RC, Montpetit K, Aiona MD, MacKenzie WG, van Bosse HJ, Narayanan U, Raney EM, Chafetz RS, Thomas SE, Weir S, Gregory S, Yorgova P, Takahashi S, Rinaldi M, Zhang X, Dahan-Oliel N. Safety and Efficacy of Botulinum Toxin A in Children Undergoing Lower Limb Lengthening and Deformity Correction: Results of a Double-blind, Multicenter, Randomized Controlled Trial. *J Pediatr Orthop*. 2016 Jan;36(1):48-55. doi: 10.1097/BPO.0000000000000398. PubMed PMID: 25730290.

224: Kim JE, Song EJ, Choi GS, Lew BL, Sim WY, Kang H. The efficacy and safety of liquid-type botulinum toxin type A for the management of moderate to severe glabellar frown lines. *Plast Reconstr Surg*. 2015 Mar;135(3):732-41. doi: 10.1097/PRS.0000000000001032. PubMed PMID: 25719692.

225: Osaki T, Osaki MH, Osaki TH, Sant'Anna AE, Yu MC, Hofling-Lima AL. Absence of bacterial or fungal growth in vials of reconstituted botulinum toxin type A after storage. *Aesthet Surg J*. 2015 Feb;35(2):189-93. doi: 10.1093/asj/sju072. Erratum in: *Aesthet Surg J*. 2015 Jul;35(5):631. PubMed PMID: 25717119.

226: Boyraz I, Uysal H, Koc B, Sarman H. Clonus: definition, mechanism,

treatment. *Med Glas (Zenica)*. 2015 Feb;12(1):19-26. Review. PubMed PMID: 25669332.

227: Fuchs KH, Schulz T, Varga G, Babic B, Breithaupt W. The potential and perspective of peroral endoscopic esophageal myotomy for achalasia. *World J Surg*. 2015 Jul;39(7):1598-602. doi: 10.1007/s00268-015-2959-y. PubMed PMID: 25651951.

228: Kazerooni R, Broadhead C. Cost-utility analysis of botulinum toxin type A products for the treatment of cervical dystonia. *Am J Health Syst Pharm*. 2015 Feb 15;72(4):301-7. doi: 10.2146/ajhp140276. PubMed PMID: 25631837.

229: Al-Hazmi HH, Trbay MS, Gomha AB, Elderwy AA, Khatab AJ, Neel KF. Urological outcomes of patients with neural tube defects. Does a spina bifida clinic make a difference? *Saudi Med J*. 2014 Dec;35 Suppl 1:S64-7. Review. PubMed PMID: 25551115; PubMed Central PMCID: PMC4362106.

230: Hamid R, Loveman C, Millen J, Globe D, Corbell C, Colayco D, Stanic S, Gulyaev D. Cost-effectiveness analysis of onabotulinumtoxinA (BOTOX®) for the management of urinary incontinence in adults with neurogenic detrusor overactivity: a UK perspective. *Pharmacoeconomics*. 2015 Apr;33(4):381-93. doi: 10.1007/s40273-014-0245-8. PubMed PMID: 25526842; PubMed Central PMCID: PMC4381108.

231: Malde S, Dowson C, Fraser O, Watkins J, Khan MS, Dasgupta P, Sahai A. Patient experience and satisfaction with Onabotulinumtoxin A for refractory overactive bladder. *BJU Int*. 2015 Sep;116(3):443-9. doi: 10.1111/bju.13025. Epub 2015 Apr 16. PubMed PMID: 25523401.

232: Yun JY, Kim JW, Kim HT, Chung SJ, Kim JM, Cho JW, Lee JY, Lee HN, You S, Oh E, Jeong H, Kim YE, Kim HJ, Lee WY, Jeon BS. Dysport and Botox at a ratio of 2.5:1 units in cervical dystonia: a double-blind, randomized study. *Mov Disord*. 2015 Feb;30(2):206-13. doi: 10.1002/mds.26085. Epub 2014 Dec 5. PubMed PMID: 25476727; PubMed Central PMCID: PMC4359015.

233: Barrow EM, Rosen CA, Hapner ER, Smith S, Hatcher JL, Simpson B, Johns MM 3rd. Safety and efficacy of multiuse botulinum toxin vials for intralaryngeal injection. *Laryngoscope*. 2015 May;125(5):1149-54. doi: 10.1002/lary.25068. Epub

2014 Dec 4. PubMed PMID: 25476036.

234: Merritt WH. Role and rationale for extended periarterial sympathectomy in the management of severe Raynaud syndrome: techniques and results. *Hand Clin.* 2015 Feb;31(1):101-20. doi: 10.1016/j.hcl.2014.09.011. Epub 2014 Nov 25. Review. PubMed PMID: 25455361.

235: Neumeister MW. The role of botulinum toxin in vasospastic disorders of the hand. *Hand Clin.* 2015 Feb;31(1):23-37. doi: 10.1016/j.hcl.2014.09.003. Epub 2014 Nov 25. Review. PubMed PMID: 25455354.

236: Sengoku A, Okamura K, Kimoto Y, Ogawa T, Namima T, Yamanishi T, Yokoyama T, Akino H, Maeda Y. Botulinum toxin A injection for the treatment of neurogenic detrusor overactivity secondary to spinal cord injury: multi-institutional experience in Japan. *Int J Urol.* 2015 Mar;22(3):306-9. doi: 10.1111/iju.12668. Epub 2014 Nov 18. PubMed PMID: 25403926.

237: Valdovinos MA, Zavala-Solares MR, Coss-Adame E. Esophageal hypomotility and spastic motor disorders: current diagnosis and treatment. *Curr Gastroenterol Rep.* 2014 Nov;16(11):421. doi: 10.1007/s11894-014-0421-1. Review. PubMed PMID: 25376746.

238: Chung E. Botulinum toxin in urology: a review of clinical potential in the treatment of urologic and sexual conditions. *Expert Opin Biol Ther.* 2015 Jan;15(1):95-102. doi: 10.1517/14712598.2015.974543. Epub 2014 Oct 27. Review. PubMed PMID: 25347039.

239: Yeung JC, Fung K, Davis E, Rai SK, Day AM, Dzioba A, Bornbaum C, Doyle PC. Longitudinal variations of laryngeal overpressure and voice-related quality of life in spasmodic dysphonia. *Laryngoscope.* 2015 Mar;125(3):661-6. doi: 10.1002/lary.24953. Epub 2014 Oct 7. PubMed PMID: 25290557.

240: Khambati A, Lau S, Gordon A, Jarvi KA. OnabotulinumtoxinA (Botox) nerve blocks provide durable pain relief for men with chronic scrotal pain: a pilot open-label trial. *J Sex Med.* 2014 Dec;11(12):3072-7. doi: 10.1111/jsm.12707. Epub 2014 Oct 6. PubMed PMID: 25284738.

241: Hardeman LC, van der Meij BR, Lamers AA, van der Kolk JH, Back W, Wijnberg ID. Determination of equine deep digital flexor muscle volume based on distances between anatomical landmarks. *Res Vet Sci*. 2014 Oct;97(2):397-9. doi: 10.1016/j.rvsc.2014.08.006. Epub 2014 Sep 2. PubMed PMID: 25264361.

242: Orenstein SB, Raigani S, Wu YV, Pauli EM, Phillips MS, Ponsky JL, Marks JM. Peroral endoscopic myotomy (POEM) leads to similar results in patients with and without prior endoscopic or surgical therapy. *Surg Endosc*. 2015 May;29(5):1064-70. doi: 10.1007/s00464-014-3782-5. Epub 2014 Sep 24. PubMed PMID: 25249143.

243: Rosow DE, Pechman A, Saint-Victor S, Lo K, Lundy DS, Casiano RR. Factors influencing botulinum toxin dose instability in spasmodic dysphonia patients. *J Voice*. 2015 May;29(3):352-5. doi: 10.1016/j.jvoice.2014.08.011. Epub 2014 Sep 19. PubMed PMID: 25242042.

244: Gómez-Caravaca MT, Cáceres-Redondo MT, Huertas-Fernández I, Vargas-González L, Carrillo F, Carballo M, Mir P. The use of botulinum toxin in the treatment of sialorrhea in parkinsonian disorders. *Neurol Sci*. 2015 Feb;36(2):275-9. doi: 10.1007/s10072-014-1950-y. Epub 2014 Sep 20. PubMed PMID: 25238916.

245: Carneiro Neto JA, Bittencourt VG, de Oliveira C, Andrade R, Carvalho EM. The use of botulinum toxin type A in the treatment of HTLV-1-associated overactive bladder refractory to conventional therapy. *Rev Soc Bras Med Trop*. 2014 Jul;47(4):528-32. PubMed PMID: 25229299.

246: Kristensen HØ, Bjerregaard NC, Rask P, Mortensen FV, Kunda R. Peroral endoscopic myotomy (POEM) for nutcracker esophagus. Three cases with 12 months follow-up. *Scand J Gastroenterol*. 2014 Nov;49(11):1285-9. doi: 10.3109/00365521.2014.958096. Epub 2014 Sep 16. PubMed PMID: 25225846.

247: Steinsapir KD, Rootman D, Wulc A, Hwang C. Cosmetic Microdroplet Botulinum Toxin A Forehead Lift: A New Treatment Paradigm. *Ophthalmic Plast Reconstr Surg*. 2015 Jul-Aug;31(4):263-8. doi: 10.1097/IOP.0000000000000282. PubMed PMID: 25216199.

248: Hermieu JF, Ballanger P, Amarenco G, Chartier-Kastler É, Cosson M, Costa P, Fattouh B, Saussine C, Denys P, Gamé X, Haab F, Karsenty G, Le Normand L, Ruffion A, Deffieux X. Guidelines for practical usage of botulinum toxin type A (BoNTA) for refractory idiopathic overactive bladder management: Translation of French recommendations. *Prog Urol*. 2014 Sep;24(11):e1-7. doi: 10.1016/j.purol.2014.06.005. Epub 2014 Jul 9. PubMed PMID: 25214455.

249: Kreimer S. Cosmetic procedures: the possibilities and pitfalls. Botox injections and skin procedures may help your bottom line, but use caution when adding them to your practice. *Med Econ*. 2014 Jan 25;91(2):61-4. PubMed PMID: 25211960.

250: Putterman AM. Botox enhancing eyebrow elevation in external ophthalmoplegia ptosis. *Ophthalmic Plast Reconstr Surg*. 2014 Sep-Oct;30(5):444-5. doi: 10.1097/IOP.0000000000000292. PubMed PMID: 25203481.

251: Goldman ND, Dorton LH, Marcum KK, Gilbert RM, Sandoval LF. Evaluation of headache relief with cosmetic onabotulinumtoxinA injections. *J Cosmet Dermatol*. 2014 Sep;13(3):224-31. doi: 10.1111/jocd.12098. PubMed PMID: 25196690.

252: American Urogynecologic Society and American College of Obstetricians and Gynecologists. Committee opinion: onabotulinumtoxinA and the bladder. *Female Pelvic Med Reconstr Surg*. 2014 Sep-Oct;20(5):245-7. doi: 10.1097/SPV.0000000000000112. PubMed PMID: 25181372.

253: Khalil M, Zafar HW, Quarshie V, Ahmed F. Prospective analysis of the use of OnabotulinumtoxinA (BOTOX) in the treatment of chronic migraine; real-life data in 254 patients from Hull, U.K. *J Headache Pain*. 2014 Sep 1;15:54. doi: 10.1186/1129-2377-15-54. PubMed PMID: 25178393; PubMed Central PMCID: PMC4166400.

254: Are there any drawbacks to smoothing out lines and wrinkles with Botox injections? *Johns Hopkins Med Lett Health After 50*. 2014 Jul;26(6):7. PubMed PMID: 25178125.

255: Kaya B, Apaydin N, Loukas M, Tubbs RS. The topographic anatomy of the masseteric nerve: A cadaveric study with an emphasis on the effective zone of

botulinum toxin A injections in masseter. *J Plast Reconstr Aesthet Surg*. 2014 Dec;67(12):1663-8. doi: 10.1016/j.bjps.2014.07.043. Epub 2014 Aug 7. PubMed PMID: 25175271.

256: Pieretti LJ. Resources for hyperhidrosis sufferers, patients, and health care providers. *Dermatol Clin*. 2014 Oct;32(4):555-64. doi: 10.1016/j.det.2014.06.011. Epub 2014 Jul 24. Review. PubMed PMID: 25152350.

257: de Almeida AR, Montagner S. Botulinum toxin for axillary hyperhidrosis. *Dermatol Clin*. 2014 Oct;32(4):495-504. doi: 10.1016/j.det.2014.06.013. Epub 2014 Jul 15. Review. PubMed PMID: 25152343.

258: Gadiant PM, Smith JH, Ryan SJ. Herpes zoster ophthalmicus following onabotulinumtoxinA administration for chronic migraine: a case report and literature review. *Cephalalgia*. 2015 Apr;35(5):443-8. doi: 10.1177/0333102414544974. Epub 2014 Aug 18. Review. PubMed PMID: 25135654.

259: Rucci N, Capulli M, Piperni SG, Cappariello A, Lau P, Frings-Meuthen P, Heer M, Teti A. Lipocalin 2: a new mechanoresponding gene regulating bone homeostasis. *J Bone Miner Res*. 2015 Feb;30(2):357-68. doi: 10.1002/jbmr.2341. PubMed PMID: 25112732.

260: Use of botox in dentistry is a fine line. *J Calif Dent Assoc*. 2014 Feb;42(2):127, 129. PubMed PMID: 25076597.

261: Sanford M. OnabotulinumtoxinA (Botox®): a review of its use in the treatment of urinary incontinence in patients with multiple sclerosis or subcervical spinal cord injury. *Drugs*. 2014 Sep;74(14):1659-72. doi: 10.1007/s40265-014-0271-z. Review. PubMed PMID: 25060982.

262: Kollwe K, Mohammadi B, Köhler S, Pickenbrock H, Dengler R, Dressler D. Blepharospasm: long-term treatment with either Botox®, Xeomin® or Dysport®. *J Neural Transm (Vienna)*. 2015 Mar;122(3):427-31. doi: 10.1007/s00702-014-1278-z. Epub 2014 Jul 25. PubMed PMID: 25059456.

263: Dressler D, Tacik P, Saberi FA. Botulinum toxin therapy of cervical

dystonia: duration of therapeutic effects. *J Neural Transm (Vienna)*. 2015 Feb;122(2):297-300. doi: 10.1007/s00702-014-1253-8. Epub 2014 Jul 23. PubMed PMID: 25052566.

264: Shogan AN, Rogers DJ, Hartnick CJ, Kerschner JE. Use of botulinum toxin in pediatric otolaryngology and laryngology. *Int J Pediatr Otorhinolaryngol*. 2014 Sep;78(9):1423-5. doi: 10.1016/j.ijporl.2014.06.026. Epub 2014 Jun 30. Review. PubMed PMID: 25048857.

265: Rovner E. Chapter 6: Practical aspects of administration of onabotulinumtoxinA. *Neurourol Urodyn*. 2014 Jul;33 Suppl 3:S32-7. doi: 10.1002/nau.22637. Review. PubMed PMID: 25042141.

266: Cruz F, Nitti V. Chapter 5: Clinical data in neurogenic detrusor overactivity (NDO) and overactive bladder (OAB). *Neurourol Urodyn*. 2014 Jul;33 Suppl 3:S26-31. doi: 10.1002/nau.22630. Review. PubMed PMID: 25042140.

267: Chapple C. Best practice in the use of onabotulinumtoxinA (BOTOX®) to optimize patient outcomes in overactive bladder. *Neurourol Urodyn*. 2014 Jul;33 Suppl 3:S1. doi: 10.1002/nau.22632. PubMed PMID: 25042136.

268: Wadie BS. Management of refractory OAB in the non-neurogenic patient. *Curr Urol Rep*. 2014 Sep;15(9):438. doi: 10.1007/s11934-014-0438-x. Review. PubMed PMID: 25015301.

269: Young DL, Halstead LA. Pyridostigmine for reversal of severe sequelae from botulinum toxin injection. *J Voice*. 2014 Nov;28(6):830-4. doi: 10.1016/j.jvoice.2014.04.010. Epub 2014 Jul 5. PubMed PMID: 25008379.

270: Han-Geurts IJ, Hendrix VC, de Blaauw I, Wijnen MH, van Heurn EL. Outcome after anal intrasphincteric Botox injection in children with surgically treated Hirschsprung disease. *J Pediatr Gastroenterol Nutr*. 2014 Nov;59(5):604-7. doi: 10.1097/MPG.0000000000000483. PubMed PMID: 25000353.

271: Urban M, Rutowski R, Urban J, Mazurek P, Kuliński S, Gosk J. Treatment of camptodactyly using injection of botulinum neurotoxin. *Adv Clin Exp Med*. 2014

May-Jun;23(3):399-402. PubMed PMID: 24979511.

272: Osborn DJ, Kaufman MR, Mock S, Guan MJ, Dmochowski RR, Reynolds WS. Urinary retention rates after intravesical onabotulinumtoxinA injection for idiopathic overactive bladder in clinical practice and predictors of this outcome. *Neurourol Urodyn*. 2015 Sep;34(7):675-8. doi: 10.1002/nau.22642. Epub 2014 Jun 29. PubMed PMID: 24975819; PubMed Central PMCID: PMC4755310.

273: Formeister EJ, Dahl JP, Rose AS. Surgical management of chronic sialorrhea in pediatric patients: 10-year experience from one tertiary care institution. *Int J Pediatr Otorhinolaryngol*. 2014 Aug;78(8):1387-92. doi: 10.1016/j.ijporl.2014.06.005. Epub 2014 Jun 16. PubMed PMID: 24974144.

274: Young DL, Halstead LA. Relationship of laryngeal botulinum toxin dosage to patient age, vitality, and socioeconomic issues. *J Voice*. 2014 Sep;28(5):614-7. doi: 10.1016/j.jvoice.2013.10.024. Epub 2014 Jun 18. PubMed PMID: 24954039.

275: Small K, Kelly KM, Spinelli HM. Are nurse injectors the new norm? *Aesthetic Plast Surg*. 2014 Oct;38(5):946-55. doi: 10.1007/s00266-014-0367-6. Epub 2014 Jun 20. PubMed PMID: 24947473.

276: Sethi RK, Kozin ED, Lam AC, Emerick KS, Deschler DG. Primary tracheoesophageal puncture with supraclavicular artery island flap after total laryngectomy or laryngopharyngectomy. *Otolaryngol Head Neck Surg*. 2014 Sep;151(3):421-3. doi: 10.1177/0194599814539443. Epub 2014 Jun 12. PubMed PMID: 24925312; PubMed Central PMCID: PMC4476241.

277: Pacik PT. Understanding and treating vaginismus: a multimodal approach. *Int Urogynecol J*. 2014 Dec;25(12):1613-20. doi: 10.1007/s00192-014-2421-y. Epub 2014 Jun 4. PubMed PMID: 24894201.

278: Gunn EG, Loh CY, Athanassopoulos T. Cosmetic websites Scotland: legal or lurid. *J Plast Reconstr Aesthet Surg*. 2014 Aug;67(8):1144-7. doi: 10.1016/j.bjps.2014.04.035. Epub 2014 May 14. PubMed PMID: 24880576.

279: Ruggeri M. The cost effectiveness of Botox in Italian patients with chronic

migraine. *Neurol Sci.* 2014 May;35 Suppl 1:45-7. doi: 10.1007/s10072-014-1741-5. PubMed PMID: 24867835.

280: Utomo E, Groen J, Blok BF. Surgical management of functional bladder outlet obstruction in adults with neurogenic bladder dysfunction. *Cochrane Database Syst Rev.* 2014 May 24;(5):CD004927. doi: 10.1002/14651858.CD004927.pub4. Review. PubMed PMID: 24859260.

281: Committee Opinion No. 604: OnabotulinumtoxinA and the bladder. *Obstet Gynecol.* 2014 Jun;123(6):1408-11. doi: 10.1097/01.AOG.0000450760.42077.a1. PubMed PMID: 24848923.

282: Rosenfield LK, Kardassakis DG, Tsia KA, Stayner G. The First Case Report of a Systemic Allergy to OnabotulinumtoxinA (Botox) in a Healthy Patient. *Aesthet Surg J.* 2014 Jul;34(5):766-8. doi: 10.1177/1090820X14532648. Epub 2014 Jul 1. PubMed PMID: 24847156.

283: Bensmail D, Hanschmann A, Wissel J. Satisfaction with botulinum toxin treatment in post-stroke spasticity: results from two cross-sectional surveys (patients and physicians). *J Med Econ.* 2014 Sep;17(9):618-25. doi: 10.3111/13696998.2014.925462. Epub 2014 Jun 12. PubMed PMID: 24841450.

284: Laria C, Merino-Suárez ML, Piñero DP, Gómez-Hurtado A, Pérez-Cambrodí RJ. Botulinum Toxin as an Alternative to Treat the Spasm of the Near Reflex. *Semin Ophthalmol.* 2015;30(5-6):393-6. doi: 10.3109/08820538.2014.912337. Epub 2014 May 8. PubMed PMID: 24809739.

285: Mayr CA, Shepherd JP. Cost-effectiveness of novel therapies for overactive bladder. *Expert Rev Pharmacoecon Outcomes Res.* 2014 Aug;14(4):527-35. doi: 10.1586/14737167.2014.917968. Epub 2014 May 9. Review. PubMed PMID: 24809616.

286: Couch SM, Chundury RV, Holds JB. Subjective and objective outcome measures in the treatment of facial nerve synkinesis with onabotulinumtoxinA (Botox). *Ophthalmic Plast Reconstr Surg.* 2014 May-Jun;30(3):246-50. doi: 10.1097/IOP.0000000000000086. PubMed PMID: 24807539.

287: Saunte JP, Holmes JM. Sustained improvement of reading symptoms following botulinum toxin A injection for convergence insufficiency. *Strabismus*. 2014 Sep;22(3):95-9. doi: 10.3109/09273972.2014.907815. Epub 2014 Apr 30. PubMed PMID: 24786379; PubMed Central PMCID: PMC4324975.

288: Chughtai B, Dunphy C, Lee R, Lee D, Sheth S, Marks L, Kaplan SA, Te AE. Randomized, double-blind, placebo controlled pilot study of intradetrusor injections of onabotulinumtoxinA for the treatment of refractory overactive bladder persisting following surgical management of benign prostatic hyperplasia. *Can J Urol*. 2014 Apr;21(2):7217-21. PubMed PMID: 24775575.

289: Dall'Angelo A, Mandrini S, Sala V, Pavese C, Carlisi E, Comelli M, Toffola ED. Platysma synkinesis in facial palsy and botulinum toxin type A. *Laryngoscope*. 2014 Nov;124(11):2513-7. doi: 10.1002/lary.24732. Epub 2014 May 30. PubMed PMID: 24764160.

290: Saad J, Gourdeau A. A direct comparison of onabotulinumtoxinA (Botox) and IncobotulinumtoxinA (Xeomin) in the treatment of benign essential blepharospasm: a split-face technique. *J Neuroophthalmol*. 2014 Sep;34(3):233-6. doi: 10.1097/WNO.0000000000000110. PubMed PMID: 24739994.

291: Hukkinen M, Koivusalo A, Rintala RJ, Pakarinen MP. Restorative proctocolectomy with J-pouch ileoanal anastomosis for total colonic aganglionosis among neonates and infants. *J Pediatr Surg*. 2014 Apr;49(4):570-4. doi: 10.1016/j.jpedsurg.2013.07.021. PubMed PMID: 24726115.

292: Ward AB, Wissel J, Borg J, Ertzgaard P, Herrmann C, Kulkarni J, Lindgren K, Reuter I, Sakel M, Säterö P, Sharma S, Wein T, Wright N, Fulford-Smith A; BEST Study Group. Functional goal achievement in post-stroke spasticity patients: the BOTOX® Economic Spasticity Trial (BEST). *J Rehabil Med*. 2014 Jun;46(6):504-13. doi: 10.2340/16501977-1817. PubMed PMID: 24715249.

293: Felicilda-Reynaldo RF, Backes K. Botox for overactive bladders: a look at the current state of evidence. *Medsurg Nurs*. 2014 Jan-Feb;23(1):30-4. Review. PubMed PMID: 24707666.

294: Tepper D. Onabotulinumtoxin [corrected] A (Botox). Headache. 2014

Apr;54(4):787-8. doi: 10.1111/head.12342. Review. Erratum in: Headache. 2014 May;54(5):953. PubMed PMID: 24697235.

295: Mynsberge M, Heidelman J, Bennett J. EMG guided lateral pterygoid muscle Botox--A injection for chronic temporomandibular joint dislocation: 2 patient case report. *J Indiana Dent Assoc.* 2014 Winter;93(1):22-6. Review. PubMed PMID: 24683765.

296: Fantuzzo JJ, Rogér JM, Barroner MD, Karp JM. Self-mutilation of the lower lip in a child with dystonia secondary to megalencephalic leukoencephalopathy treated with botox injections: a case report. *J Oral Maxillofac Surg.* 2014 Jul;72(7):1327.e1-4. doi: 10.1016/j.joms.2014.02.016. Epub 2014 Feb 16. PubMed PMID: 24679955.

297: Suber JS, Dinh TP, Prince MD, Smith PD. OnabotulinumtoxinA for the treatment of a "gummy smile". *Aesthet Surg J.* 2014 Mar;34(3):432-7. doi: 10.1177/1090820X14527603. PubMed PMID: 24676413.

298: Grosicki M, Latacz G, Szopa A, Cukier A, Kieć-Kononowicz K. The study of cellular cytotoxicity of argireline - an anti-aging peptide. *Acta Biochim Pol.* 2014;61(1):29-32. Epub 2014 Mar 17. PubMed PMID: 24644551.

299: Balchandra P, Rogerson L. Women's perspective: intra-detrusor botox versus sacral neuromodulation for overactive bladder symptoms after unsuccessful anticholinergic treatment. *Int Urogynecol J.* 2014 Aug;25(8):1059-64. doi: 10.1007/s00192-014-2360-7. Epub 2014 Mar 15. PubMed PMID: 24633067.

300: Diener HC, Dodick DW, Turkel CC, Demos G, Degryse RE, Earl NL, Brin MF. Pooled analysis of the safety and tolerability of onabotulinumtoxinA in the treatment of chronic migraine. *Eur J Neurol.* 2014 Jun;21(6):851-9. doi: 10.1111/ene.12393. Epub 2014 Mar 15. PubMed PMID: 24628923; PubMed Central PMCID: PMC4233954.

301: Clayton SB, Castell DO. Multiple good options are available for achalasia management. *J Clin Gastroenterol.* 2015 Mar;49(3):194-8. doi: 10.1097/MCG.000000000000107. PubMed PMID: 24618506.

302: Arya S, Markar SR, Karthikesalingam A, Hanna GB. The impact of pyloric drainage on clinical outcome following esophagectomy: a systematic review. *Dis Esophagus*. 2015 May-Jun;28(4):326-35. doi: 10.1111/dote.12191. Epub 2014 Feb 24. Review. PubMed PMID: 24612489.

303: Wang L, Sun Y, Yang W, Lindo P, Singh BR. Type A botulinum neurotoxin complex proteins differentially modulate host response of neuronal cells. *Toxicon*. 2014 May;82:52-60. doi: 10.1016/j.toxicon.2014.02.004. Epub 2014 Feb 21. PubMed PMID: 24560879.

304: Mokhless I, Zahran AR, Saad A, Yehia M, Youssif ME. Effect of Botox injection at the bladder neck in boys with bladder dysfunction after valve ablation. *J Pediatr Urol*. 2014 Oct;10(5):899-904. doi: 10.1016/j.jpuro.2013.12.023. Epub 2014 Feb 6. PubMed PMID: 24559858.

305: Lottmann H, O'Toole S. Commentary to 'Effect of botox injection at the bladder neck in boys with bladder dysfunction after valve ablation'. *J Pediatr Urol*. 2014 Oct;10(5):904-5. doi: 10.1016/j.jpuro.2014.01.006. Epub 2014 Feb 3. PubMed PMID: 24553075.

306: Costa LE 2nd. The dentist, botox, and injectable fillers. *J Esthet Restor Dent*. 2014 Jan-Feb;26(1):1-4. doi: 10.1111/jerd.12090. PubMed PMID: 24548315.

307: Kalliainen LK, O'Brien VH. Current uses of botulinum toxin A as an adjunct to hand therapy interventions of hand conditions. *J Hand Ther*. 2014 Apr-Jun;27(2):85-94; quiz 95. doi: 10.1016/j.jht.2013.12.003. Epub 2013 Dec 10. Review. PubMed PMID: 24524884.

308: Chen HL, Woo XB, Wang HS, Lin YJ, Luo HX, Chen YH, Chen CQ, Peng JS. Botulinum toxin injection versus lateral internal sphincterotomy for chronic anal fissure: a meta-analysis of randomized control trials. *Tech Coloproctol*. 2014 Aug;18(8):693-8. doi: 10.1007/s10151-014-1121-4. Epub 2014 Feb 6. Review. PubMed PMID: 24500725.

309: Amundsen CL, Richter HE, Menefee S, Vasavada S, Rahn DD, Kenton K, Harvie

HS, Wallace D, Meikle S. The Refractory Overactive Bladder: Sacral NEuromodulation vs. BoTulinum Toxin Assessment: ROSETTA trial. *Contemp Clin Trials*. 2014 Mar;37(2):272-83. doi: 10.1016/j.cct.2014.01.009. Epub 2014 Jan 30. PubMed PMID: 24486637; PubMed Central PMCID: PMC3989885.

310: Finiels PJ, Batifol D. The use of botulinum toxin in the treatment of the consequences of bruxism on cervical spine musculature. *Toxicon*. 2014 Mar;80:58-63. doi: 10.1016/j.toxicon.2014.01.004. Epub 2014 Jan 22. PubMed PMID: 24462662.

311: Likes K, Rochlin DH, Salditch Q, Dapash T, Baker Y, DeGuzman R, Selvarajah S, Freischlag JA. Diagnostic accuracy of physician and self-referred patients for thoracic outlet syndrome is excellent. *Ann Vasc Surg*. 2014 Jul;28(5):1100-5. doi: 10.1016/j.avsg.2013.12.011. Epub 2014 Jan 21. PubMed PMID: 24462540.

312: Esteban M, Salinas J, Arlandis S, Díez J, Jiménez M, Rebassa M, Angulo JC. Expert consensus on scientific evidence available on the use of botulinum toxin in overactive bladder. *Actas Urol Esp*. 2014 May;38(4):209-16. doi: 10.1016/j.acuro.2013.12.002. Epub 2014 Jan 14. English, Spanish. PubMed PMID: 24439057.

313: Chundury RV, Couch SM, Holds JB. Reply Re: "Comparison of preferences between onabotulinumtoxinA (Botox) and incobotulinumtoxinA (Xeomin) in the treatment of benign essential blepharospasm". *Ophthalmic Plast Reconstr Surg*. 2014 Jan-Feb;30(1):77. doi: 10.1097/IOP.000000000000092. PubMed PMID: 24398500.

314: Giacometti J, Yen MT. Re: "Comparison of preferences between onabotulinumtoxinA (Botox) and incobotulinumtoxinA (Xeomin) in the treatment of benign essential blepharospasm". *Ophthalmic Plast Reconstr Surg*. 2014 Jan-Feb;30(1):76-7. doi: 10.1097/IOP.000000000000091. PubMed PMID: 24398499.

315: Singh H, Srivastava D, Sharma P, Kapoor P, Roy P. Redefining treatment of gummy smile with Botox--a report of three cases. *Int J Orthod Milwaukee*. 2014 Winter;25(4):63-6. PubMed PMID: 25745713.

316: Benoit RM, Frey D, Hilbert M, Kevenaar JT, Wieser MM, Stirnimann CU, McMillan D, Ceska T, Lebon F, Jaussi R, Steinmetz MO, Schertler GF, Hoogenraad

CC, Capitani G, Kammerer RA. Structural basis for recognition of synaptic vesicle protein 2C by botulinum neurotoxin A. *Nature*. 2014 Jan 2;505(7481):108-11. doi: 10.1038/nature12732. Epub 2013 Nov 17. PubMed PMID: 24240280.

317: Mangera A, Apostolidis A, Andersson KE, Dasgupta P, Giannantoni A, Roehrborn C, Novara G, Chapple C. An updated systematic review and statistical comparison of standardised mean outcomes for the use of botulinum toxin in the management of lower urinary tract disorders. *Eur Urol*. 2014 May;65(5):981-90. doi: 10.1016/j.eururo.2013.10.033. Epub 2013 Nov 1. Review. PubMed PMID: 24239446.

318: Aggarwal A, Kaul V, Kaur G, Banas E, Sampath P, Roy AK. A new facial expression to botox! *Am J Emerg Med*. 2014 Mar;32(3):290.e5-6. doi: 10.1016/j.ajem.2013.10.017. Epub 2013 Oct 14. PubMed PMID: 24211287.

319: Aurora SK, Dodick DW, Diener HC, DeGryse RE, Turkel CC, Lipton RB, Silberstein SD. OnabotulinumtoxinA for chronic migraine: efficacy, safety, and tolerability in patients who received all five treatment cycles in the PREEMPT clinical program. *Acta Neurol Scand*. 2014 Jan;129(1):61-70. doi: 10.1111/ane.12171. Epub 2013 Sep 20. PubMed PMID: 24107267; PubMed Central PMCID: PMC4033567.

320: Kask M, Rintala R, Taskinen S. Effect of onabotulinumtoxinA treatment on symptoms and urodynamic findings in pediatric neurogenic bladder. *J Pediatr Urol*. 2014 Apr;10(2):280-3. doi: 10.1016/j.jpuro.2013.09.004. Epub 2013 Sep 30. PubMed PMID: 24095686.

321: Campanati A, Giuliadori K, Martina E, Giuliano A, Ganzetti G, Offidani A. Onabotulinumtoxin type A (Botox®) versus Incobotulinumtoxin type A (Xeomin®) in the treatment of focal idiopathic palmar hyperhidrosis: results of a comparative double-blind clinical trial. *J Neural Transm (Vienna)*. 2014 Jan;121(1):21-6. doi: 10.1007/s00702-013-1074-1. Epub 2013 Sep 20. PubMed PMID: 24052109.

322: Merino PS, Rojas PL, Gómez De Liaño PS, Fukumitsu HM, Yáñez JM. Bilateral superior oblique palsy: etiology and therapeutic options. *Eur J Ophthalmol*. 2014 Mar-Apr;24(2):147-52. doi: 10.5301/ejo.5000362. Epub 2013 Sep 5. PubMed PMID: 24030536.

323: Dressler D, Tacik P, Adib Saberi F. Botulinum toxin therapy of cervical dystonia: comparing onabotulinumtoxinA (Botox®) and incobotulinumtoxinA (Xeomin®). *J Neural Transm (Vienna)*. 2014 Jan;121(1):29-31. doi: 10.1007/s00702-013-1076-z. Epub 2013 Aug 4. PubMed PMID: 23913131; PubMed Central PMCID: PMC3889804.

324: Ababneh OH, Cetinkaya A, Kulwin DR. Long-term efficacy and safety of botulinum toxin A injections to treat blepharospasm and hemifacial spasm. *Clin Exp Ophthalmol*. 2014 Apr;42(3):254-61. doi: 10.1111/ceo.12165. Epub 2013 Aug 4. PubMed PMID: 23844601.

325: Adkinson JM, Miller NF, Murphy RX Jr. Neurectomy for breast reconstruction-related spasms of the pectoralis major muscle. *J Plast Reconstr Aesthet Surg*. 2014 Feb;67(2):257-9. doi: 10.1016/j.bjps.2013.06.025. Epub 2013 Jun 20. PubMed PMID: 23790561.