

References

Z-24

Adoptive Immunotherapy

1. Hayes, Inc. Hayes Medical Technology Directory Report. *Adoptive Immunotherapy Using Genetically Modified Lymphocytes for Lymphoproliferative Disorders and Hematological Malignancies*. Lansdale, PA: Hayes, Inc.; September 7, 2017. Reviewed October 3, 2018.
2. Perica K, Varela JC, Oelke M, Schneck J. Adoptive T cell immunotherapy for cancer. *Rambam Maimonides Med J*. 2015;6(1):e0004. Published 2015 Jan 29. doi:10.5041/RMMJ.10179
3. Rikke A, Marco D, Eva E, et al. Long-Lasting Complete Responses in Patients with Metastatic Melanoma after Adoptive Cell Therapy with Tumor-Infiltrating Lymphocytes and an Attenuated IL2 Regimen. *Clin Cancer Res*. August 1 2016 (22) (15) 3734-3745; DOI:10.1158/1078-0432.CCR-15-1879.

Anal Fistula Plugs

1. Hayes, Inc. Hayes Clinical Research Response. *Biodesign Enterocutaneous Fistula Plug*. Lansdale, PA: Hayes, Inc.; May 31, 2018.

Bioimpedance Spectroscopy for Lymphedema

1. Laidley A, Anglin B. The Impact of L-Dex® Measurements in Assessing Breast Cancer-Related Lymphedema as Part of Routine Clinical Practice. *Frontiers in Oncology*. 2016;6:192.
2. Shah C, Arthur DW, Wazer D, Khan A, Ridner S, Vicini F. The impact of early detection and intervention of breast cancer-related lymphedema: a systematic review. *Cancer Medicine*. 2016;5(6):1154-1162.
3. Barrio AV, Eaton A, Frazier TG. A Prospective Validation Study of Bioimpedance with Volume Displacement in Early-Stage Breast Cancer Patients at Risk for Lymphedema. *Annals of surgical oncology*. 2015;22(0 3):370-375.
4. Levenhagen K, Davies C, Perdomo M, et al. Diagnosis of upper quadrant lymphedema secondary to cancer: clinical practice guideline from the oncology section of the American Physical Therapy Association. *Rehabilitation Oncology*. 2017;35(3):E1–E18.
5. Shah C, Vicini FA, Arthur D. Bioimpedance spectroscopy for breast cancer related lymphedema assessment: clinical practice guidelines. *Breast J*. 2016;22:645–650.
6. National Comprehensive Cancer Network (NCCN) Clinical Practice Guidelines in Oncology. Breast Cancer. Version 2.2017. April 2017. 1-201.
7. Hayes, Inc. Hayes Medical Technology Directory. *Bioelectrical Impedance (Bioimpedance) Analysis for Assessment of Lymphedema*. Lansdale, PA: Hayes, Inc.; March 26, 2015. Reviewed March 12, 2019.

Carbon Monoxide, Expired Gas Analysis

1. Lal A, Patterson L, Goldrich A, Marsh A. Point-of-Care End-tidal carbon monoxide reflects severity of hemolysis in sickle cell anemia. *Pediatr blood & cancer*. 2015;62(5):912-914.
2. Tidmarsh G, Wong R, Stevenson D. End-tidal carbon monoxide and hemolysis. *Journal Of Perinatology: Official Journal Of The California Perinatal Association* [serial online]. 2014;34(8):577-581.

Cellular Function Assay Involving Stimulation and Detection of Biomarker (ImmuKnow)

1. Uremura T, Riley TR, Khan A, et al. Immune functional assay for immunosuppressive management in post-transplant malignancy. *Clinical Transplantation*. 2011 Jan-Feb; 25 (1): E32-E37.

Defecography

1. Videlock E, Lembo A, Cremonini F. Diagnostic testing for dyssynergic defecation in chronic constipation: meta-analysis. *Neurogastroenterology And Motility: The Official Journal Of The European Gastrointestinal Motility Society* [serial online]. 2013;25(6):509-520.

Electromagnetic Navigational Bronchoscopy (ENB)

1. Rivera MP, Mehta AC, Wahidi MM. Diagnosis and Management of Lung Cancer, 3rd ed: American College of Chest Physicians Evidence-Based Clinical Practice Guidelines. *Chest*. 2013; 143(5):142S–165S.
2. Chee A, Stather DR, Maceachern P, et al. Diagnostic utility of peripheral endobronchial ultrasound with electromagnetic navigation bronchoscopy in peripheral lung nodules. *Respirology*. 2013;18(5):784-789.
3. Zaric B, Stjic V, Sarcev T, et al. Advanced bronchoscopic techniques in diagnosis and staging of lung Cancer. *J Thorac Dis*. 2013;5(S4):S359-S370.
4. Loo FL, Halligan AM, Port JL, Hoda RS. The emerging technique of electromagnetic navigation bronchoscopy-guided fine-needle aspiration of peripheral lung lesions: promising results in 50 lesions. *Cancer Cytopathol*. 2014;122(3):191-199.
5. Gex G, Pralong JA, Combescure C, et al. Diagnostic yield and safety of electromagnetic navigation bronchoscopy for lung nodules: a systematic review and meta-analysis. *Respiration*. 2014;87(2):165-176.
6. National Comprehensive Cancer Network (NCCN). Non-small cell lung cancer. Version 5.2015.

Electrothermal Shrinkage of Joint Capsules, Ligaments and Tendons

1. Toth AP, Warren RF, Petrigliano FA, et.al. Thermal shrinkage for shoulder instability. *HSS Journal*. 2011;7(2):108-114.
2. Jansen N, Van Riet RP, Meermans G, et.al. Thermal capsulorrhapy in internal shoulder impingement: A 7-year follow-up study. *Acta Orthopdeica Belgica*; 2012;78(3)304-308.
3. Lee JL, Nha KW, Lee GY, et al. Long-term outcomes of arthroscopic debridement and thermal shrinkage for isolated partial intercarpal ligament tears. *Orthopedics*. 2102;35(8):1204-1209.

4. Mohtadi NG, Kirkley A, Hollinshead RM, et al. Joint Orthopaedic Initiative for National Trials of the Shoulder-Canada. Electrothermal arthroscopic capsulorrhaphy: old technology, new evidence. Amulticenter randomized clinical trial. *J Shoulder Elbow Surg.* 2014; 23(8):1171-1180.

Endoscopic Cryospray Ablation of the Esophagus

1. Verbeek RE, Vleggaar FP, Ten Kate FJ, van Baal JW, Siersema PD. Cryospray ablation using pressurized CO₂ for ablation of Barrett's esophagus with early neoplasia: early termination of a prospective series. *Endosc Int Open.* 2015;3(2):E107–E112. doi:10.1055/s-0034-1390759

Ferriscan

1. Sickle Cell Society. Iron Monitoring and Management in Sickle Cell Disease.
2. Centers for Disease Control and Prevention. Chelation Therapy.
3. Kwiatkowski J L, Kim H Y, Thompson A A, et al. Chelation use and iron burden in north america and british thalassemia patients: A report from the thalassemia longitudinal cohort. *Blood.* 2012; 119(12):2746-53.
4. Neufeld EJ, Galanello R, Viprakasit V, et al. A phase 2 study of the safety, tolerability and pharmacodynamics of FBS0701, a novel iron chelator, in transfusional iron overload. *Blood.* 2012; 119:3263-8.
5. Garbowski MW, Carpenter J-P, Smith G, et al. Biopsy-based calibration of T2* magnetic resonance for estimation of liver iron concentration and comparison with R2 Ferriscan. *Journal of Cardiovascular Magnetic Resonance.* 2014;16(1):40.

Grenz Ray Therapy

1. National Institute for Health and Clinical Excellence (NICE). IPG236 Grenz rays therapy for inflammatory skin conditions: Guidance. November 2007.
2. Menter A; Korman NJ; Elmets CA; et al. Guidelines of care for the management of psoriasis and psoriatic arthritis: Section 5. Guidelines of care for the treatment of psoriasis with phototherapy and photochemotherapy. *J Am Acad Dermatol.* 2010; 62(1): 114-135.
3. American Osteopathic College of Dermatology. Grenz rays. Copyright © AOCD, 2010.
4. Hedblad MA, Mallbris L. Grenz ray treatment of lentigo maligna and early lentigo maligna melanoma. *Journal of the American Academy of Dermatology.* 2012;67(1).
5. Fenton L and Dawe R.S. Six years of grenz ray therapy for the treatment of inflammatory skin conditions. *Clinical and Experimental Dermatology.* 2016;41(1): 864-870.

Hair Analysis

1. Schoeman K, Tanaka T, Bend J, Koren G. Hair mercury levels of women of reproductive age in Ontario, Canada: implications to fetal safety and fish consumption. *Journal of Pediatrics.* 2010;157(1):127-131.
2. Skróder H, Kippler M, Nermell B, et al. Major Limitations in Using Element Concentrations in Hair as Biomarkers of Exposure to Toxic and Essential Trace Elements in Children. *Environmental Health Perspectives.* 2017;125(6):1-9. doi:10.1289/EHP1239

3. Katz SA. On the Use of Hair Analysis for Assessing Arsenic Intoxication. *International Journal Of Environmental Research And Public Health*. 2019;16(6). doi:10.3390/ijerph16060977
4. Wu X, Tang J, Xie M. Serum and hair zinc levels in breast cancer: a meta-analysis. *Sci Rep*. 2015;5:12249.

InfraScanner Handheld Brain Hematoma Screening System For Early Detection of Intracranial Hemorrhage (ICH)

1. Gopinath S, Robertson C, Constant C, et al. Early detection of delayed traumatic intracranial hematomas using near-infrared spectroscopy. *J Neurosurg*. 1995;83:438-444.
2. Copinath S, Robertson C, Grossman R, Chance B. Near-infrared spectroscopic localization of intracranial hematomas. *J Neurosurg*. 1993;79:43-47.
3. Carrion J, Dominquez-Roldan J, Dominguez U, Cabezas F. The InfraScanner, a handheld device for screening in situ for the presence of brain haematomas. *Brain Injury*. 2010; 24(10): 1193–1201.
4. Robertson C, Zager E, Narayan R, et al. Clinical Evaluation of a Portable Near-Infrared Device for Detection of Traumatic Intracranial Hematomas. *Journal of Neurotrauma*. 2010; 27:1597–1604.
5. Becarra L, McGowan J. Battlefield Experience in Iraq with the InfraScanner Hand-Held Cerebral Hematoma Detector. U.S. Military. School of Biomedical Engineering, Science and Health Systems. *Biomed Seminar*. 2009.
6. Bressan S, Daverio M, Da Dalt L, et al. The use of handheld near-infrared device (Infrascanner) for detecting intracranial haemorrhages in children with minor head injury. *Child's Nervous System: Chns: Official Journal Of The International Society For Pediatric Neurosurgery* [serial online]. November 14, 2013-
7. Kim AL. Portable traumatic brain injury detection with near-infrared technology: infrascanner model 2000. *Military Medicine*. 2015;180(5):597-598. doi:10.7205/MILMED-D-14-00670.
8. Da Dalt L, Parri N, Amigoni A, Nocerino A, Selmin F, et al. Italian guidelines on the assessment and management of pediatric head injury in the emergency department. *Ital J Pediatr*. 2018;44(71);1-41.

Current Perception Threshold (CPT) Sensory

1. House R, Krajnak K, Manno M, et al. Current perception threshold and the HAVS Stockholm sensorineural scale. *Occup Med*. 2009;59(7):476-82.
2. Ziccardi VB, Hullett JS, Gomes J. Physical neurosensory testing versus current perception threshold assessment in trigeminal nerve injuries related to dental treatment: a retrospective study. *Quintessence Int*. 2009;40(7):603-9.
3. Yilmaz U, Ciol MA, Berger RE, Yang CC. Sensory perception thresholds in men with chronic pelvic pain syndrome. *Urology*. 2010;75(1):34-37.
4. Nath RK, Bowen ME, Eichhorn MG. Pressure-specified sensory device versus electrodiagnostic testing in brachial plexus upper trunk injury. *J Reconstr Microsurg*. 2010; 26(4):235-42.
5. Griffith KA, Couture DJ, Zhu S, et al. Evaluation of chemotherapy-induced peripheral neuropathy using current perception threshold and clinical evaluations. *Supportive Care in Cancer*. 2014;22(5):1161-1169. doi:10.1007/s00520-013-2068-0.

Neurovista Seizure Advisory System

1. Baney J. Implantable Seizure Advisory System Has Strong Early Results. *Neuro Rev.* 2012;20(1):9.
2. Snyder DE, Echaz J, Grimes DB, Litt B. The statistics of a practical seizure warning system. *J Neural Eng.* 2008;5(4):392-401.

Outpatient Intravenous Insulin Treatment (OIVIT)

1. American Diabetes Association. Clinical Practice Recommendations 2010. Standards of Medical Care in Diabetes-2010; 33(suppl 1).
2. Weinrauch L, Sun J, Gleason RE, et al. Pulsatile intermittent intravenous insulin therapy for attenuation of retinopathy and nephropathy in type 1 diabetes mellitus. *Metabolism.* 2010; 59(10):1429-1434.

Per-oral Endoscopic Myotomy (POEM) for Treatment of Esophageal Achalasia

1. Friedel D, Modayil R, Shahzad I, et al. Per-oral endoscopic myotomy for achalasia: An American perspective. *World J Gastrointest Endosc.* 2013;5(9): 420–427.
2. Meireles O, Horgan S, Jacobsen G et al. Transesophageal endoscopic myotomy (TEEM) for the treatment of achalasia: the United States human experience. *Surg Endosc.* 2013; 27:1803–1809.
3. Pandolfino J, Kahrilas P. Perspectives in clinical gastroenterology and hepatology: presentation, diagnosis and management of achalasia. *Clinical Gastroenterology and hepatology.* 2013;11:887–897.
4. Bredenoord A, Fox M, Kahrilas P et al. Chicago Classification Criteria of esophageal motility disorders defined in high resolution esophageal pressure topography (EPT). *Neurogastroenterol Motil.* 2012;24 (Suppl 1): 57–65.
5. Bhanyi NH, Kurian AA, Dunst CM et al. A comparative study on comprehensive, objective outcomes of laparoscopic Heller Myotomy with Per-Oral Endoscopic Myotomy (POEM) for achalasia. *Annals of Surgery.* 2013.E pub ahead of print.
6. Stavropoulos SN, Modayil RJ, Friedel D, et al. The International Per Oral Endoscopic Myotomy Survey (IPOEMS): a snapshot of the global POEM experience. *Surg Endosc.* 2013 27:3322–3338.
7. vonRenteln D, Inoue H, Minami H, et al. Peroral Endoscopic Myotomy for the Treatment of Achalasia. *Am J Gastroenterol.* 2012;107(3):411-417.
8. InterQual® Level of Care Criteria 2013. Acute Care Adult. McKesson Health Solutions, LLC.
9. Agency for Healthcare Research and Quality (AHRQ). ACG clinical guideline: diagnosis and management of achalasia.
10. Sefanidis, D, Richardson W, Farrell T et al. Guidelines for the surgical treatment of esophageal achalasia. Society of American Gastrointestinal and Endoscopic Surgeons (SAGES).
11. Hungness E, Teitelbaum E, Santos B, et al. Comparison of Perioperative Outcomes Between Peroral Esophageal Myotomy (POEM) and Laparoscopic Heller Myotomy. *J Gastrointest Surg.* 2013;17:228–235.

12. Von Renteln D, Fuchs KH, Fockens P, et al. Peroral endoscopic myotomy for the treatment of achalasia: An international prospective multicenter study. *Gastroenterology*. 2013;(145)2:309-311.
13. Chauh SK, Chiu CH, Tai WC, et al. Current status in the treatment options for esophageal achalasia. *World J Gastroenterol*. 2013; 19(33):5421–5429.
14. Talone S, Limongelli P, del Genio G, et al. Recent trends in endoscopic management of achalasia. *World J Gastrointest Endosc*. 2014; 6(9): 407–414.

Percutaneous Elbow Tenotomy

1. Othman AM. Arthroscopic versus percutaneous release of common extensor origin for treatment of chronic tennis elbow. *Arch Orthop Trauma Surg*. 2011;131(3):383-388.
2. Buchbinder R, Johnston RV, Barnsley L, et al. Surgery for lateral elbow pain. *Cochrane Database Syst Rev*. 2011;16(3):CD003525.
3. Altuntas AO, Dagge B, Chin TYP, et al. The effects of intramuscular tenotomy of the lengthening characteristics of tibialis posterior: high versus low intramuscular tenotomy. *J Child Orthop*. 2011;5(3):225-230.
4. Othman, A. A. (2011). Arthroscopic versus percutaneous release of common extensor origin for treatment of chronic tennis elbow. *Archives Of Orthopaedic And Trauma Surgery*. 131(3), 383-388. doi:10.1007/s00402-011-1260-2.
5. Buchbinder R, Johnston RV, Barnsley L, Assendelft WJJ, Bell SN, Smidt N. Surgery for lateral elbow pain. *Cochrane Database of Systematic Reviews* 2011, Issue 3. Art. No.: CD003525. DOI: 10.1002/14651858.CD003525.pub2.
6. Panthi S, Khatri K, Kharel K, et al. Outcome of Percutaneous Release of Tennis Elbow: A NonRandomized Controlled Trial Study. Muacevic A, Adler JR, eds. *Cureus*. 2017;9(1):e952.
7. Gaspar MP, Motto MA, Lewis S, Jacoby SM, Culp RW, et al. Platelet-rich plasma injection with percutaneous needling for recalcitrant lateral epicondylitis: Comparison of tenotomy and fenestration techniques. *Orthop J Sports Med*. 2017;5(12):doi:10.1177/2325967117742077.

pH, Exhaled Breath Condensate

1. Caballero BS, Martorell AA, Cedrda Mir JC, Belda RJ, Navarro IR, et al. Leukotriene B4 and 8-isoprostane in exhaled breath condensate of children with episodic and persistent asthma. *J Investig Allergol Clin Immunol*. 2010;20(3):237-43.
2. Patil SU, Long AA. The usefulness of biomarkers of airway inflammation in managing asthma. *Allergy Asthma Proc*. 2010 Jul;31(4):259-68.
3. Zietkowski Z, Tomasiak-Lozowska M M, Skiepkowski R, Zietkowska E, Bodzenta-Lukaszyk A. Eotaxin-1 in exhaled breath condensate of stable and unstable asthma patients. *Respir Res*. 2010;11(1):110.
4. Konstantinidi EM, Lappas AS, Tzortzi AS, Behrakis PK, Exhaled breath condensate: Technical and diagnostic aspects. *The Scientific World Journal*. 2015, Article ID 435160, 1-25.
5. Aldakheel FM, Thomas PS, Bourke JE, Matheson MC, Dharmage SC, Lowe AJ. Relationships between adult asthma and oxidative stress markers and pH in exhaled breath condensate: a

systematic review. *Allergy*. 2016; 71: 741–757.

Posturography (dynamic or static)

1. Balaguer García R, Pitarch Corresa S, et al. Static posturography with dynamic tests. Usefulness of biomechanical parameters in assessing vestibular patients. *Acta Otorrinolaringol Esp*. 2012. [Epub ahead of print].
2. Fekete R, Davidson A, Ondo WG, Cohen HS. Effect of tetrabenazine on computerized dynamic posturography in Huntington disease patients. *Parkinsonism Relat Disord*. 2012. [Epub ahead of print].
3. Prosperini L, Fortuna D, Gianni C, Leonardi L, Pozzilli C. The Diagnostic Accuracy of Static Posturography in Predicting Accidental Falls in People With Multiple Sclerosis. *Neurorehabil Neural Repair*. 2012. [Epub ahead of print].

PreDx

1. Ricanati EH, Golubic M, Yang D, et al. Mitigating preventable chronic disease: Progress report of the Cleveland Clinic's Lifestyle 180 program. *Nutrition & Metabolism*. 2011;8:83.
2. Shafizadeh T, Moler E, Kolberg J, et al. Comparison of accuracy of diabetes risk score and components of the metabolic syndrome in assessing risk of incident type 2 diabetes in Inter99 cohort. *PLoS ONE*. 2011;6(7):e22863.

Saliva Testing to assess preterm labor

1. Gotsch F, Romero R, Erez O, et al. The preterm parturition syndrome and its implications for understanding the biology, risk assessment, diagnosis, treatment and prevention of preterm birth. *J Matern Fetal Neonatal Med*. 2009; 22(S2):5-23.
2. Honest H, Forbes CA, Duree KH, et al. Screening to prevent spontaneous preterm birth: systematic reviews of accuracy and effectiveness literature with economic modeling. *Health Technol Assess*. 2009;13(43).
3. Lachelin G, McGarrigle H, Seed P, Briley A, Shennan A, Poston L. Low saliva progesterone concentrations are associated with spontaneous early preterm labour (before 34 weeks of gestation) in women at increased risk of preterm delivery. *BJOG*. 2009; DOI: 10.1111/j.14710528.2009.02293.x.
4. Georgiou HM, Di Quinzio MKW, Permezel P, Brennecke SP. Predicting preterm labor: Current status and future prospects. 2015;doi: 10.1155/2015/435014.

Saliva Testing during menopause

1. Flyckt R, Liu J, Frasure H, et al. Comparison of salivary versus serum testosterone levels in postmenopausal women receiving transdermal testosterone supplementation versus placebo. *Menopause*. 2009;16(4):680-688.
2. Weismiller D. Menopause. *Prim Care*. 2009 March;36(1).

Thromboxane Metabolites

1. Matsuura E, Guyer K, Yamamoto H, Lopez LR, Inoue K. On aspirin treatment but not baseline thromboxane B2 levels predict adverse outcomes in patients with acute coronary syndromes. *J*

Thromb Haemost. 2012;10: 1949–51.

2. Neath SX, Jefferies JL, Berger JS, Wu AHB, McConnell JP, et al. The current and future landscape of urinary thromboxane testing to evaluate atherothrombotic risk. *Rev Cardiovasc Med.* 2014;!5(2):119-130.

Transurethral Radiofrequency Micro-Remodeling of the Female Bladder Neck and Proximal Urethra for Stress Urinary Incontinence

1. Lukban JC. Transurethral Radiofrequency Collagen Denaturation for Treatment of Female Stress Incontinence: A review of the Literature and Clinical Recommendations. *Obstet Gynecol Int.* 2012;384234. Published online 2011 October 12. doi: 10.1155/2012/384234.
2. Elser DM, Mitchell GK, Miklos JR, et al. Nonsurgical Transurethral Radiofrequency Collagen Denaturation: Results at Three Years after Treatment. *Advances in Urology.* 2011;2011(872057):1-9. doi: 10.1155/2011/872057.
3. Davila GW. Nonsurgical Outpatient Therapies for the Management of Female Stress Urinary Incontinence: Long-Term Effectiveness and Durability. *Advances in Urology.* 2011;2011:176498. doi: 10.1155/2011/176498.
4. Davila G. Nonsurgical Outpatient Therapies for the Management of Female Stress Urinary Incontinence: Long-Term Effectiveness and Durability. *Advances in Urology.* 2011:2011, Article ID 176498: 14 pages.