

**32 DYNASPLINT PUBLICATIONS under Dr. Willis' Leadersip: 2007 to 2012**

1) Doucet BM, Mettler JA. **Effects of a dynamic progressive orthotic intervention for chronic hemiplegia: A case series.** *Jour Hand Therapy.* 2012 Nov 10:1-8

2) Barañano CF, Rosenthal EL, Morgan BA, McColloch NL, Magnuson JS. **Dynasplint for the management of trismus after treatment of upper aerodigestive tract cancer: a retrospective study.** *Ear Nose Throat J.* 2011 Dec;90(12):584-90.

3) Mensez M, Willis FB. **Dynamic Splinting for Pediatric Contracture Reduction of the Upper Limb: a Case Report.** *Hand Therapy.* 2011 Nov 16(51):1-4

4) John MM, Kalish SR, Perns SV, Willis FB. **Dynamic Splinting for Hallux Limitus: a Randomized, Controlled Trial.** *Journal American Podiatric Medical Assoc.* 2011 July/Aug;101(4): 285-88

5) Curran SA; Willis FB. **Chronic Ankle Contracture Reduced: a Case Series.** *Foot & Ankle Online.* 2011 July 4(7):1-4 (Contracture > One year)

6) Stubblefield MD, Manfield L, Riedel ER. **A preliminary report on the efficacy of a dynamic jaw opening device (dynasplint trismus system) as part of the multimodal treatment of trismus in patients with head and neck cancer.** *Arch Phys Med Rehabil.* 2010 Aug;91(8):1278-82.

7) Thein-Brody L, Hall CM. *Therapeutic Exercise, Moving Toward Function, 3<sup>rd</sup> Ed* (Brody & Hall) 2010, Chapter 7 "Impaired Range of Motion and Joint Mobility," pages 143-144.

8) Berner SH, Willis FB. **Dynamic Splinting in Wrist Extension Following Distal Radius Fractures.** *J Orthop Surg Res.* 2010 Aug 6;5(1):53.

9) Sheridan L, Lopez AL, Perez A, John MM, Willis FB, Shanmugam R. **Plantar Fasciopathy Treated with Dynamic Splinting: a Randomized, Controlled, Trial.** *J Am Podiatr Med Assoc.* 2010 May-Jun;100(3):161-5.

10) Kimbler TS, Willis FB. **Dynamic splinting for pronation contracture following a spinal cord injury.** *Hand Therapy* 2010 15(1):20-22

11) Lopez AA, Kalish SR, John MM, Willis FB. **Reduction of Ankle Equinus Contracture Secondary to Diabetes Mellitus with Dynamic Splinting.** *Foot & Ankle Online Journal.* 2010 3(3):13-18

12) John MM, Willis FB. **Dynamic Splinting for Hallux Varus and Hallux Valgus: a Pilot Study.** *The Foot & Ankle Online Journal.* 2010 3(1):1-4

- 13) Berner SH, Willis FB, Shanmugan R. **Pain from Carpal Tunnel Syndrome Reduced with Dynamic Splinting: a Retrospective Study of 156 Patients.** *Journal of Clinical Medicine & Research.* 2009 Nov;1(2):22-25
- 14) Lundequam P, Willis FB. **Dynamic Splinting as Home Therapy for Toe Walking: a Case Report.** *Cases Journal.* 2009 Nov 10, 2:188
- 15) Willis FB, John MM, Perez A. **Plantar Fasciopathy Treated with Dynamic Splinting: A Randomized, Controlled Trial.** *PM&R.* 2009 Sep 1;9, S169 (Abstract)
- 16) Gaspar PD, Willis FB. **Adhesive Capsulitis and Dynamic Splinting: a Controlled, Cohort Study.** *BMC Musculoskeletal Disorders.* 2009 Sep 7;10(1):111
- 17) John MM, Willis FB, Portillo A. **Runner's Hallux Rigidus Reduction and Gait Analysis,** *Journal of the American Podiatric Medical Association.* 2009 Jul-Aug;99(4):367-70.
- 18) Willis FB, Lopez AL, Perez A, Sheridan L, Kalish SA. **Pain Scale for Plantar Fasciopathy.** *The Foot & Ankle Online Journal* 2009 May;2(5),1
- 19) Kalish SA, Willis FB. **Hallux Limitus and Dynamic Splinting: a Retrospective Series.** *The Foot & Ankle Online Journal* 2009 Apr;2(4), 1
- 20) Shulman DH, Shipman B, Willis FB. **Treating Trismus with Dynamic Splinting: a Case Report.** *Jour Oral Sciences.* 2009 March;151(1): 141-4
- 21) Lai JM, Francisco GE, Willis FB. **Dynamic Splinting on Range of Motion and Spasticity after Treatment with Botulinium Toxin-A: a Randomized, Controlled Pilot Study.** *Advances in Therapy.* 2009 Feb;26(2):241-8
- 22) Freiling D, Lobenhoffer P. **The surgical treatment of chronic extension deficits of the knee.** *Oper Orthop Traumatol.* 2009 Dec;21(6):545-56. (German/English)
- 23) Berner SH, Willis FB, Martinez J. **Treatment of Carpal Tunnel Syndrome with Dynasplint: a Randomized, Controlled Trial.** *Journal of Medicine* 2008 Dec 1(1):1-5
- 24) Finger and Willis. **Dynamic Splinting after Total Knee Arthroplasty: a Case Report.** *Cases Journal* **2008**, 1:421
- 25) Lai J, Jones M, Willis B. **Effect of Dynamic Splinting on Excessive Plantar Flexion Tone/Contracture: A Controlled, Cross-Over study.** *Proceedings of the 16<sup>th</sup> European Congress of Physical and Rehabilitation Medicine.* Minerva Medica pubs, Italy, August **2008**, pg 106-109
- 26) Shulman DH, Shipman B, Willis FB. **Treating Trismus with Dynamic Splinting: a Cohort, Case Series.** *Advances in Therapy,* **2008** Jan-Feb; 25(1), pg 9-15

27) Willis B. **Dancer Restores Knee Flexion Through Dynamic Splinting.** *BioMechanics*, 2008 Jan:15(1), pg 49-54

28) Lai J, Jones M, **Willis B. Effect of Dynamic Splinting on Excessive Plantar Flexion Tone/Contracture: A Controlled, Cross-Over study.** (Abstract) *Archives of Physical Medicine and Rehabilitation*, 2007 Oct:88(10), Pg E-7

29) Willis, John. **Dynamic Splinting Increases Flexion for Hallux Rigidus (Pilot Study).** *BioMechanics*, Sept. 2007:14(9), pg 49-53

31) Willis. **Post-TBI Gait Rehabilitation.** *Applied Neurology*, July 2007:3(7), pg 25-26

32) Willis, Neffendorf, Gaspar. **Device and Physical Therapy Unfreeze Shoulder Motion.** *BioMechanics*, Jan. 2007:14(1)

#### **Current Clinical Trials Designed by Dr. Willis**

(NIH Clinical Trials: <http://www.clinicaltrials.gov/ct2/results?term=dynasplint&Search=Search> )

#### **Current International Dynasplint Studies designed by Dr. Willis**

- Total Knee Arthroplasty (Knee Flexion Dynasplint) Dr Fernandes, Montreal
- Trismus (JAW Dynasplint) Dr Dijkstra, Netherlands