Tilt Handouts

References

- Ashford, Breckenridge, S., & Nyein, K. (2014). Supplementary prescribing for spasticity management. Nurse Prescribing, 12(9), 457–463. https://doi.org/10.12968/npre.2014.12.9.457
- D. Baumgartner, R. Zemp, R. List et al., "The spinal curvature of three different sitting positions analysed in an open MRI scanner," The Scientifc World Journal, vol. 2012, Article ID 184016, 7 pages, 2012.
- Casey, J & Gittins, L. (2013). Use of tilt-in-space in seating systems for adults with physical disabilities, Physical Therapy Reviews, 18:4, 285-299, DOI: 10.1179/1743288X13Y.00000000073
- Cooper, D. (2004). A retrospective of three years of lateral tilt-in-space. In Proceedings 20th International Seating Symposium, Vancouver BC.
- Curtin, & Hammell, K. W. (2006). People with multiple sclerosis and severe spasticity found tilt-in-space wheelchairs more comfortable than conventional wheelchairs. *Australian Occupational Therapy Journal*, 53(1), 52–54. https://doi.org/10.1111/j.1440-1630.2006.00549.x
- Dewey, Ann, et al. "A Qualitative Study Comparing the Experiences of Tilt-in-Space Wheelchair
 Use and Conventional Wheelchair Use by Clients Severely Disabled with Multiple Sclerosis." The
 British Journal of Occupational Therapy, vol. 67, no. 2, College of Occupational Therapists, 2004,
 pp. 65–74, https://doi.org/10.1177/030802260406700203
- DiCianno, B., Lieberman, J., Schmeler, M., Schuler, A., Cooper, R., Lange, M., Liu, H., Yih- Kuen, J.,
 (2015) RESNA Position on the application of tilt, recline, and elevating legrests for wheelchairs:
 2015 current state of the literature.
- Giesbrecht, E., Ethans, K., & Staley, D. (2011). Measuring the effect of incremental angles of wheelchair tilt on interface pressure among individuals with spinal cord injury. Spinal cord, 49(7), 827-831
- Goulet, J., Richard-Denis, A., Thompson, C., & Mac-Thiong, J. (2018). Relationships between specific functional abilities and health-related quality of life in chronic traumatic spinal cord injury. American Journal of Physical Medicine & Rehabilitation, 1. doi:10.1097/phm.0000000000001006
- Harrand, J., Bannigan, K. (2016). Do tilt-in-space wheelchairs increase occupational engagement: a critical literature review. Disability and Rehab, 11(1), 3-12. doi:10.3109/1783107.2014.932021
- Hischke, M. J. & Reiser, R. F. (2017). Rear Suspension Decreases Vibration and Impact Transmission in Manual Tilt-in-Space Wheelchairs. *Medicine & Science in Sports & Exercise*, 49 (5S), 289. doi: 10.1249/01.mss.0000517651.60324.do.

- Jan, Y.-K., Liao, F., Jones, M. A., Rice, L. A., & Tisdell, T. (2012). Effect of durations of wheelchair tilt-in-space and recline on skin perfusion over the ischial tuberosity in people with spinal cord injury. Archives of physical medicine and rehabilitation, 94(4), 667-672
- Koda, Okada, Y., Fukumoto, T., & Morioka, S. (2022). Effect of Tilt-in-Space and Reclining Angles of Wheelchairs on Normal Force and Shear Force in the Gluteal Region. *International Journal of Environmental Research and Public Health*, 19(9), 5299—.
 https://doi.org/10.3390/ijerph19095299
- Kreutz, D. (1997, March). Power tilt, recline or both. TeamRehab Report, 29-32.
- Lange, M. L. (2000, June). Tilt in space versus recline--New trends in an old debate. Technology Special Interest Section quarterly, 10, 1-3
- Lyons, Elizabeth A., et al. "An Exploration of Comfort and Discomfort Amongst Children and Young People with Intellectual Disabilities Who Depend on Postural Management Equipment." *Journal of Applied Research in Intellectual Disabilities*, vol. 30, no. 4, Wiley Subscription Services, Inc, 2017, pp. 727–42, https://doi.org/10.1111/jar.12267.
- Noridian Medicare. (n.d.). Local Coverage of Determination, LCD 33788. Retrieved from https://med.noridianmedicare.com/documents/2230703/7218263/Wheelchair+Seating+LCD+and+PAhttp:/
- NPUAP. (n.d.). NPUAP Pressure Injury Stages. Retrieved January 10, 2019, from http://www.npuap.org/resources/educational-and-clinical-resources/npuap-pressure-injury-stages/
- Mikael Thyberg, Bjorn Gerdle, Kersti Samuelsson & Harriet Larsson (2001) Wheelchair seating intervention. Results from a client-centred approach, Disability and Rehabilitation, 23:15, 677-682, DOI: 10.1080/09638280110049900
- Vogel, R. (2017, January 14). Wheelchair cushions: How a flawed system affects cost and quality.
 Retrieved from http://www.newmobility.com/2016/04/wheelchair-cushions/
- Waugh, K., Crane, B. (2013). Glossary of Wheelchair Terms and Definitions (Ver 1.0). Denver, CO: University of Colorado Denver. Retrieved from: Wheelchair Seating Measures Guide (ucdenver.edu)
- Zemp, Rhiner, J., Plüss, S., Togni, R., Plock, J. A., & Taylor, W. R. (2019). Wheelchair Tilt-in-Space and Recline Functions: Influence on Sitting Interface Pressure and Ischial Blood Flow in an Elderly Population. *BioMed Research International*, 2019, 4027976–10. https://doi.org/10.1155/2019/4027976