

SPINECOR TREATMENT RESULTS

Research Center, Ste-Justine Hospital, Montreal, Canada (2002-2014)

2002

1. Coillard, C., Leroux, M., Badeaux, J. & Rivard, C. (2002). **SPINECOR: A New Therapeutic Approach for Idiopathic Scoliosis**. Research into Spinal Deformities 3 IOS Press, 2002.

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2. Coillard, C., Leroux, M., Zabjek, K. & Rivard, C. (2003). **SpineCor- A non rigid brace for the treatment of idiopathic scoliosis: post-treatment results**. Eur Spine J. 12, (2003), pp. 141–148

2006

3. Vachon, V., Coillard, C., Zabjek, K., Rhalmi, S. & Rivard, C. (2006) **Analyse de survie d'une cohorte consécutive de 365 patients scoliotiques traités par le corset dynamique SpineCor a l'hôpital Sainte Justine**. Résonances Européennes du Rachis. Volume 14, N° 43, (2006), pp. 1782-1786

2007

4. Coillard, C., Vachon, V., Circo, A., Beauséjour, M. & Rivard, C. (2007). **Effectiveness of the SpineCor Brace Based on the New Standardized Criteria Proposed by the Scoliosis Research Society for Adolescent Idiopathic Scoliosis**. J Pediatr Orthop. Volume 27, N° 4, (June 2007), pp. 375-379

2008

5. Coillard, C., Circo, A. & Rivard, C. (2008). **A new concept for the non-invasive treatment of Adolescent idiopathic Scoliosis: The Corrective Movement principle integrated in the SpineCor System**. Disability and Rehabilitation: Assistive Technology. 3:3, (May 2008), pp. 112 – 119
6. Coillard, C., Circo, A. & Rivard, C. (2008). **Treatment of early adolescent idiopathic scoliosis using the SpineCor System**. Study in Health Technology and Informatics 01/2008; 135:341-55

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7. AB Circo, C Coillard and CH Rivard (2009). **New results for 495 patients with adolescent idiopathic scoliosis treated with the SpineCor brace**. Scoliosis20094(Suppl 2):O53
8. AB Circo, C Coillard and CH Rivard. (2009). **SpineCor treatment for adolescent idiopathic scoliosis - 5 years follow-up after weaning of the brace**. Scoliosis2009 4(Suppl 2):O55

2010

9. Coillard C, Alin B. Circo, Rivard CH. **SpineCor Treatment for idiopathic scoliosis: updates and follow up results** (2010). Scoliosis 2010, 5(Suppl 1):O56
10. Coillard, C., Circo, A. & Rivard, C. (2010). **SpineCor Treatment for Juvenile Idiopathic Scoliosis**. SOSORT award 2010 winner. Scoliosis 2010, 5:25

2012

11. Coillard, C., Circo, A. & Rivard, C. (2012). **A prospective randomized study of the natural history of idiopathic scoliosis versus treatment with the SpineCor brace**. Scoliosis 2012, 7(Suppl 1):O24

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12. Coillard, C., Circo, A. & Rivard, C. (2013). **A prospective interventional cohort study of 175 patients treated by the SpineCor orthosis, following the Scoliosis Research Society Criteria**. Scoliosis 2013, 8(Suppl 1):O74

2014

13. C. Coillard, A. B. Circo, C. H. Rivard (2014). **A prospective randomized controlled trial of the natural history of idiopathic scoliosis versus treatment with the SpineCor brace [SOSORT 2011 Award Winner]**. Eur J Phys Rehabil Med 2014;50:1-2

Independent Centres Results (2007 - 2019)

2007

1. Durmała J., Piotrowski .J, Czernicki K., Jendrzejek H. (2007) **Preliminary results of use of SpineCor brace in Katowice (Poland)**. Ann. Acad. Med. Siles. 2007, 61, 1

2008

2. Hassan, K., A (2008). **Retrospective Analysis of the Spinecor Brace Treatment at the Sheffield Children’s Hospital, United Kingdom**. Journal of Bone and Joint Surgery. vol. 90-B no. SUPP III 477. Published online August 19, 2008.
3. Potaczek, T., Zarzycka, M., Lipik, E., Jasiewicz, B., Zarzycki, M & Kokot, A. (2008). **The early results of the treatment of idiopathic scoliosis using the dynamic SpineCor brace**. Medical Rehabilitation. 12 (2), (2008), pp. 1-6

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4. Szwed, A., Kolban, M. & Jalszewski, M. (2009). **Results of SpineCor Dynamic Bracing for Idiopathic Scoliosis**. Ortopedia Traumatologia Rehabilicacja. Volume 11, 5(6), (2009), pp. 427-432
5. Vera, A. (2009). **Initial Results of SpineCor Treatment of Adolescent Idiopathic Scoliosis in Seville, Spain**. Scoliosis 2009. Volume 4, Supplement 2: O51
6. Tsakiri, I., Vakaloglou, V., Karvounis, K., Kattou, P. & Soucacos, P. (2009). **The use of the SpineCor Dynamic Corrective Brace in Greece: a preliminary report**. Scoliosis 2009. Volume 4, Supplement 1:O35

2010

7. Steven R. Gammon, MD, Charles T. Mehlman, DO, MPH, Winston Chan, BS, Jonathan Heifetz, CPO, Gregory Durrett, LO,zand Eric J. Wall, MD (2010). **A Comparison of Thoracolumbar Orthoses and Spinecor Treatment of Adolescent Idiopathic Scoliosis Patients Using the Scoliosis Research Society Standardized Criteria**. J Pediatr Orthop. Volume 30, N° 6, (September 2010), pp. 531-538

2011

8. Waldrop R, Ouellette B, Tabick L. **Management of Adolescent Idiopathic Scoliosis Using the Spinecor Brace System: A Case Study**. J. Pediatric, Maternal & Family Health - November14, 2011

2012

9. Herrero, C. & Herrero E. (2012). **SpineCor Treatment – the Spanish experience.** *Scoliosis* 2012 7(Suppl 1):O39

2013

10. Sarchioto, A. (2013). **First experiences in the treatment of juveniles and idiopathic scoliosis with SpineCor braces.** *Scoliosis* 2013, 8(Suppl 1):P11
11. Ersen, O., Bilekli, B., Bilgic, S., Oguz, E., Sehirlioglu, J.,(2013). **Difference between SpineCor brace and rigid brace during treatment.** *Scoliosis* 2013, 8(Suppl 1):P
12. Plewka, B., Sibinski, M., Synder, M., Witonski, D., Kolodziejczyk-Klime, K. & Plewka, M. (2013). **Clinical assessment of the efficacy of SpineCor brace in the correction of postural deformities in the course of idiopathic scoliosis.** *Polish Orthopedics and Traumatology.* (2013); 78: 85-89
13. Plewka, B., Sibinski, M., Synder, M., Witonski, D., Kolodziejczyk-Klime, K. & Plewka, M. (2013). **Radiological Evaluation of Treatment with SpineCor Brace in children with Idiopathic Scoliosis.** *Ortopedia, traumatologia, rehabilitacja* 06/2013; 15(3):227-34. DOI: 10.5604/15093492.1058414

2016

14. Rożek K, Potaczek T, Zarzycka M, Lipik E, Jasiewicz B. **Effectiveness of Treatment of Idiopathic Scoliosis by SpineCor Dynamic Bracing with Special Physiotherapy Programme in SpineCor System.** *Ortop Traumatol Rehabil.* 2016 Oct 28;18(5):425-434. doi: 10.5604/15093492.1224616.
15. Omer ersen, Serkan bilgic, Kenan koca, Tolga ege, Erbil oguz, Ahmet Burak bilekli. **Difference between Spinecor brace and Thoracolumbosacral orthosis for deformity correction and quality of life in adolescent idiopathic scoliosis.** *Acta Orthop. Belg.,* 2016, 82, 710-714

2018

16. Kołban M, Szwed A. **Application of the SpineCor dynamic corrective brace in treating idiopathic scoliosis.** *Chir. Narzadow Ruchu Ortop. Pol.,* 2018; 83(1) 1-4
17. Oakley P A. **Is early treatment for mild adolescent idiopathic scoliosis superior over the traditional ‘watch & wait’ approach? A case report with long-term follow-up.** *J. Phys. Ther. Sci.* 30: 680–684, 2018

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- 18. Rożek K, Jasiewicz B. Effect of Preoperative SpineCor[®] Treatment on Surgical Outcome in Idiopathic Scoliosis: An Observational Study. Med Sci Monit, 2019; 25: 754-759**