

## 2013 Orthopedic Department Research and Education Activity Report

The following details some of the past year's activity of the physicians associated with the

### Table of Contents

#### 2013 Orthopaedic Department Reference List

1. Baratela WA, Bober MB, Thacker MM, Belthur MV, Oto M, Rogers KJ, Mackenzie, W.G. Cervicothoracic Myelopathy in Children With Morquio Syndrome A: A Report of 4 Cases. *J Pediatr Orthop* 2013 Oct 3; ePub. PMID 24096444
2. Dede, O.; Thacker, M.M.; Rogers, K.J.; Oto, M.; Belthur, M.V.; Baratela, W.; Mackenzie, W.G. Upper cervical fusion in children with morquio syndrome: intermediate to long-term results. *J Bone Joint Surg Am* 2013 Jul 3; 95(13):1228-34. PMID 2382439
3. Dhawale, A.A.; Church, C.; Henley, J.; Holmes, L., Jr.; Thacker, M.M.; Mackenzie, W.G.; Miller, F. Gait pattern and lower extremity alignment in children with Morquio syndrome. *J Pediatr Orthop B* 2013 Jan; 22(1):59-62. PMID 23010763
4. Dung, V.C.; Tomatsu, S.; Montano, A.M.; Gottesman, G.; Bober, M.B.; Mackenzie, W.; Maeda, M.; Mitchell, G.A.; Suzuki, Y.; Orii, T. Mucopolysaccharidosis IVA: Correlation between genotype, phenotype and keratan sulfate levels. *Mol Genet Metab* 2013 Jun 26; 133(1):10. PMID 23876334
5. Karatas AF, Dede O, Rogers K, Ditro CP, Holmes L, Bober M, et al. Growth-Sparing Spinal Instrumentation in Skeletal Dysplasia. *Spine* 2013; Aug 5. ePub ahead of Print. PMID: 23921322
6. Mackenzie, W.G.; Dhawale, A.A.; Demczko, M.M.; Ditro, C.; Rogers, K.J.; Bober, M.B.; Campbell, J.W.; Grissom, L.E. Flexion-extension cervical spine MRI in children with skeletal dysplasia: is it safe and effective? *J Pediatr Orthop* 2013 Jan; 33(1):91-8. PMID 23232386
7. Solanki, G.A.; Martin, K.W.; Theroux, M.C.; Lampe, C.; White, K.K.; Shediak, R.; Lampe, C.G.; Beck, M.; Mackenzie, W.G.; Hendriksz, C.J.; Harmatz, P.R. Spinal involvement in mucopolysaccharidosis IVA (Morquio-Brailsford or Morquio A syndrome): presentation, diagnosis and management. *J Inher Metab Dis* 2013 Mar; 36(2):339-55. PMID 23385297
- 35 Yasuda, E.; Fushimi, K.; Suzuki, Y.; Shimizu, K.; Takami, T.; Zustin, J.; Patel, P.; Ruhnke, K.; Shimada, T.; Boyce, B.; Kokas, T.; Barone, C.; Theroux, M.; Mackenzie, W.; Nagel, B.; Ryerse, J.S.; Orii, K.E.; Iida, H.; Orii, T.; Tomatsu, S.



## 2013 Orthopedic Department Research and Education Activity Report

-13, 2013 Vancouver, British

Columbia, Canada

### Abstract Presentations

1. Paper #114: Occipito-Cervical Fusion in Skeletal Dysplasia: A New Surgical Technique. Prakash Sitoula, MD; Laurens Holmes, PhD,DrPH; Colleen Ditro, MSN; Kenneth J. Rogers, PhD; Suken A. Shah, MD; William G. Mackenzie, MD Friday 11:11-11:15 East Ballroom AB

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**Dr. Mackenzie updated 18oct2013**

Grand Rounds speaker

1. Rainbow Babies & Children , Cleveland, OH 4/2-4/3
  - a. Skeletal Dyspla TmtFla

## 2013 Orthopedic Department Research and Education Activity Report

E70 Muayad Kadhim, Ellen Spurrier, Deepika Thacker, Christian Pizarro, William G. Mackenzie.  
Scoliosis Surgery in Children with Congenital Heart Disease [European Paediatric Orthopaedic Society, April 17-20, 2013, Athens Greece](#)

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Moderator:

[Musculoskeletal section- Morquio Summit \(Amsterdam\) 7/31 - 8/1/13](#)

Podium presentations - abstract