



## Knowledge Forum

### Spinal Cord Injury



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## Publication summary of AO Spine Knowledge Forum

### Spinal Cord Injury (SCI) – RISCIS project

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#### Peer-reviewed Journal Articles:

1. Fehlings MG, Nakashima H, Nagoshi N, Chow DS, Grossman RG, Kopjar B. *Rationale, design and critical end points for the Riluzole in Acute Spinal Cord Injury Study (RISCIS): a randomized, double-blinded, placebo-controlled parallel multi-center trial.* Spinal Cord 54(1): 8-15, 2016.



2. Nagoshi N, Nakashima H, Fehlings MG. *Riluzole as a neuroprotective drug for spinal cord injury: from bench to bedside.* Molecules 20(5): 7775-7789, 2015.



#### Conference Proceedings:

##### *Podium Presentations*

1. Fehlings MG, Kopjar B. *Efficacy and Safety of Riluzole in Acute Spinal Cord Injury (SCI) Rationale and Design of AO Spine Phase III Multi-center Double Blinded Randomized Controlled Trial (RISCIS).* North American Spine Society (NASS) 32nd Annual Meeting 2017, Orlando, FL, USA, Oct 25-28, 2017.
2. **Fehlings M**, Nakashima H, Nagoshi N, Diana S, Chow L, Grossman RG, Kopjar B. *Timing of decompression in patients with acute spinal cord injury: a systematic review.* Global Spine Congress 2016, Dubai, UAE, April 13-16 2016.
3. Jefferson Wilson, Lindsay Tetreault, Brian K Kwon, Paul M Arnold, Thomas Mroz, Chris Shaffrey, Jens Chapman, Steve Casha, Andrea Skelly, Holmer H, Erika Brodt, **Fehlings M**. *Efficacy and safety of Riluzole in acute spinal cord injury (SCI). Rationale and design of AO Spine phase III multi-center double-blinded randomized controlled trial (RISCIS).* Global Spine Congress 2016, Dubai, UAE, April 13-16 2016.
4. **Fehlings M**, Wilson J, Arnold P, Skelly A, Chapman J, Tetreault L, Aarabi B, Harrop J. *A clinical guideline for the timing of surgical decompression in the treatment of acute traumatic spinal cord injury.* International Neurotrauma Society (INTS) meeting, Cape Town, South Africa, Feb 1-4, 2016.

5. **Fehlings M**, Wilson J, Kwon B, Kurpad S, Harrop J, Shamji M, Middleton J. *A clinical guideline for the use of high-dose Methylprednisolone in the treatment of acute traumatic spinal cord injury*. International Neurotrauma Society (INTS) meeting, Cape Town, South Africa, Feb 1-4, 2016.
6. **Fehlings MF**, Kopjar B, Grossman R, Wilson J. *Efficacy and safety of Riluzole in acute spinal cord injury (SCI). Rationale and design of AO Spine phase III multi-center double-blinded randomized controlled trial (RISCIS)*. 22nd International Meeting on Advanced Spine Techniques (IMAST), Kuala Lumpur, Malaysia, July 8-11, 2015.
7. **Fehlings MF**, Kopjar B, Grossman R, Wilson J. *Efficacy and safety of Riluzole in acute spinal cord injury (SCI). Rationale and design of AO Spine phase III multi-center double-blinded randomized controlled trial (RISCIS)*. ASIA/ISCOs Joint Scientific Meeting [American Spinal Injuria Association and International Spinal Cord Society], Montreal, Canada, May 14-16, 2015.
8. **Fehlings MF**, Kopjar B, Grossman R, Wilson J. *Efficacy and safety of Riluzole in acute spinal cord injury (SCI). Rationale and design of AO Spine phase III multi-center double-blinded randomized controlled trial (RISCIS)*. AO ONE Conference, Las Vegas, NV, USA, February 5-7, 2015.
9. **Fehlings MF**, Kopjar B, Grossman R, Wilson J. *Efficacy and safety of Riluzole in acute spinal cord injury (SCI). Rationale and design of AO Spine phase III multi-center double-blinded randomized controlled trial (RISCIS)*. North American Spine Society (NASS) 29th Annual Meeting, San Francisco, CA, USA, November 12-15, 2014.
10. **Fehlings MF**, Kopjar B, Grossman R, Wilson J. *Efficacy and safety of Riluzole in acute spinal cord injury (SCI). Rationale and design of AO Spine phase III multi-center double-blinded randomized controlled trial (RISCIS)*. Congress of Neurological Surgeons (CNS) Annual Meeting, Boston, MA, USA, October 18-22, 2014.
11. **Fehlings MF**, Kopjar B, Grossman R, Wilson J. *Efficacy and safety of Riluzole in acute spinal cord injury (SCI). Rationale and design of AO Spine phase III multi-center double-blinded randomized controlled trial (RISCIS)*. 21st International Meeting on Advanced Spine Techniques (IMAST), Valencia, Spain, July 16-19, 2014. **[Winner of Whitecloud Award for Best Clinical Paper]**
12. **Fehlings MF**, Kopjar B, Grossman R. *Efficacy and safety of Riluzole in acute spinal cord injury (SCI). Rationale and design of AO Spine phase III multi-center double-blinded randomized controlled trial (RISCIS)*. 20th International Meeting on Advanced Spine Techniques (IMAST), Vancouver, Canada, July 10-13, 2013.

### *Poster Presentations*

1. **Fehlings M**, Kopjar B, Grossman R. *Efficacy and Safety of Riluzole in Acute Spinal Cord Injury. Rationale and Design of AO Spine Phase III Multi-center Double Blinded Randomized Controlled Trial*. Praxis 2016, Vancouver, Canada, April 25-27, 2016.
2. **Fehlings MF**, Kopjar B, Grossman R, Wilson J. *Efficacy and safety of Riluzole in acute spinal cord injury (SCI). Rationale and design of AO Spine phase III multi-center double-blinded randomized controlled trial (RISCIS)*. North American Spine Society (NASS) 30th Annual Meeting, Chicago, IL, USA, October 14-17, 2015.
3. **Fehlings MF**, Kopjar B, Grossman R, Wilson J. *Efficacy and safety of Riluzole in acute spinal cord injury (SCI). Rationale and design of AO Spine phase III multi-center double-blinded randomized controlled trial (RISCIS)*. Congress of Neurological Surgeons (CNS) Annual Meeting, New Orleans, LA, USA, September 27-30, 2015.
4. **Fehlings MF**, Kopjar B, Grossman R, Wilson J. *Efficacy and safety of Riluzole in acute spinal cord injury (SCI). Rationale and design of AO Spine phase III multi-center double-blinded randomized controlled trial (RISCIS)*. Global Spine Congress 2015 Buenos Aires, Argentina, May 20-23, 2015.

5. **Fehlings MF**, Kopjar B, Grossman R, Wilson J. *Efficacy and safety of Riluzole in acute spinal cord injury (SCI). Rationale and design of AO Spine phase III multi-center double-blinded randomized controlled trial (RISCIS)*. 83rd American Association of Neurological Surgeons (AANS) Annual Scientific Meeting, Washington DC, USA, May 2-6, 2015.
6. **Fehlings MF**, Kopjar B, Grossman R, Wilson J. *Efficacy and safety of Riluzole in acute spinal cord injury (SCI). Rationale and design of AO Spine phase III multi-center double-blinded randomized controlled trial (RISCIS)*. 31st Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Phoenix, AZ, USA, March 4-7, 2015.
7. **Fehlings MF**, Kopjar B, Grossman R. *Efficacy and safety of Riluzole in acute spinal cord injury (SCI). Rationale and design of AO Spine phase III multi-center double-blinded randomized controlled trial (RISCIS)*. 82nd American Association of Neurological Surgeons (AANS) Annual Scientific Meeting, San Francisco, CA, USA, April 5-9, 2014.
8. **Fehlings MF**, Grossman R, Wilson J, Frankowski R, Kopjar B, Bureau K, Chow D, Tator C, Teng A, Toups E, Harrop J, Aarabi B, Shaffrey C, Johns M. *The clinical translation of Riluzole for the treatment of traumatic spinal cord injury: design of a phase II/III trial*. Congress of Neurological Surgeons (CNS) Annual Meeting, San Francisco, CA, USA, October 19-23, 2013.