Conclusions

- Increased rehabilitation intensity alone may not always be beneficial.
- Intervention type plays a significant role in determining functional changes.
- Regardless of intensity doses, COT alone resulted in similar outcomes, as did FES therapy with or without COT.
- Both High and Low Intensity FES groups yielded much better outcomes compared to both Low and Intensity COT interventions alone.
- Observations warrant further large studies to examine the impact of FES therapy in improving voluntary hand function in this SCI patient population.

References


*Declaration of Interest - Dr. Popovic is a founder, a shareholder and the Chief Technology Officer of MyoTec Inc, a healthcare company created to commercialize technologies described in this presentation.*