



**MONEY, TIME & RADIATION REDUCTION IN IM NAILS:  
INNOVATIVE SOLUTION REGARDING DISTAL LOCKING**

**Sanatmetal** 

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**Chairs:** *Endre Varga, Hungary*

The Webinar will address the following topics:

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| 12:30-12:35 | <b>Introduction – Why Distal Locking is a Problem to Solve?</b><br><i>Endre Varga, Hungary</i>                                 |
| 12:35-12:50 | <b>Historical Overview of Distal Locking</b><br><i>Norbert Wiegand, Hungary</i>  |
| 12:50-13:05 | <b>Experience with Magnetic Targeting: Money, Time and Radiation Reduction on Femur/Humerus</b><br><i>Endre Varga, Hungary</i> |
| 13:05-13:15 | <b>Case Studies with Magnetic Targeting</b><br><i>Endre Varga and Wiegand Norbert</i>  |
| 13:15-13:25 | <b>Questions and Answers   All</b>   |
| 13:25-13:30 | <b>Final Remarks</b><br><i>Endre Varga, Hungary</i>  |

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**Learning Objectives:**

This EFORT Industry Collaborative Webinar supported by Sanatmetal will focus on distal locking of intramedullary nails. Due to an aging population and increasing osteoporosis, the number of fractures and their treatment are expected to nearly quadruple by 2050, of which 6.26 million fractures are predicted for the trochanter alone (upper femur).

The average surgical time of a medullary nail is 60-90 minutes, during the operation 2-3 locking holes should be found under X-rays, which can take 3-5 minutes per hole depending on the surgeon's practice. Meanwhile the surgeon and the operating staff are exposed to radiation (effective dose limit of 20mSv per year).

The objectives of the Webinar are:

- To deepen the knowledge of different distal locking techniques and highlights as well as the advantages and disadvantages of each.
- To introduce the magnetic targeting system and the distal hand targeting devices which provide a new innovative surgical technique.
- To emphasise that thanks to this unique technique not only a reduction in radiation exposure of the OR team is possible but also a decrease of the OR time and costs.

*This Industry Collaborative Webinar is organised with the support of Sanatmetal in collaboration with EFORT and hosted by M-Events.*

**FREE REGISTRATION** @ [https://efortnet.conference2web.com/#!industry\\_webinars](https://efortnet.conference2web.com/#!industry_webinars)

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### **About Sanatmetal:**

At Sanatmetal we have been working for over half a century to improve the standard of peoples' lives with world-class medical products. In order to achieve the best results, we have developed our traumatology, spine surgery and dental implants as well as innovative diagnostic devices in cooperation with internationally renowned doctors and world-leading companies.

Our industry-presence is characterized by openness and innovative thinking, we are constantly on the lookout for progress and cooperation opportunities. Besides, it is also extremely important to us to offer our over 300 employees a secure and likeable workplace that is a pleasure to work at every day in order to achieve our common goal, which is to make peoples' lives easier.

<https://sanatmetal.hu/en/>

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