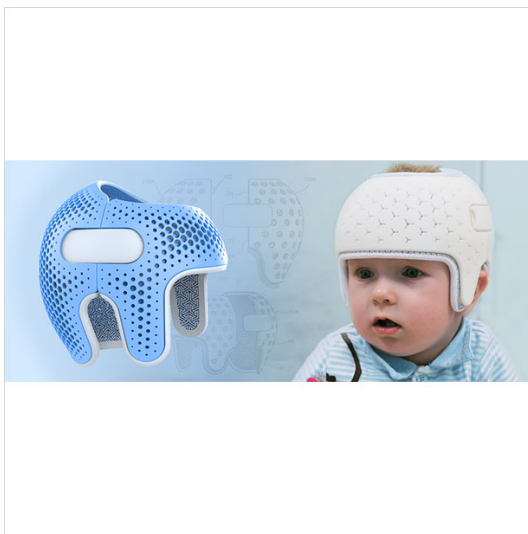


## New products of 2018

### **Invent Medical Group s.r.o.:** **Orthotic and prosthetic products from the 3D printer**



The high-tech start-up, Invent Medical (Ostrava, Czech Republic) will be presenting 3D-printed orthotic and prosthetic products at OTWorld – such as, for instance, inserts tailored to the needs of individual customers, cranial orthoses for helmet therapy and dynamic lower-leg braces.



The design process is based on interactive online configuration software. This enables every orthopaedic technician to record digital data (2D & 3D scans) and to design a medical aid in just a few minutes, ready for the 3D printer. And this can be done without any knowledge of CAD software relating to orthotics and prosthetics.

The advantage of the solution offered by Invent Medical lies in its advanced algorithms, which automatically process the data that has been entered and prepare the preliminary design for a tailor-made orthosis. This design can then be validated and subsequently manufactured using a 3D printer.