

## Table ronde : « Jumeaux numériques : défis et enjeux »

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Arnaud Clavé is a Consultant in Traumatology and Orthopaedic Surgery at Saint George Private Hospital, Nice (France). His clinical expertise includes lower limb arthroplasty, Computer-Assisted Orthopaedic Surgery and Robotic total joint reconstructions.

After graduating from the University of Nice Sophia-Antipolis School of Medicine (France), He completed his residency in orthopaedic surgery at Brest University Hospital and in the Versailles Orthopaedic Centre (Paris University Hospital, France).

Then, he completed a two-year academic and clinical fellowship in lower limb surgery at Brest University Hospital. His training continued with a 18months fellowship at the Nuffield Orthopaedic Centre, based in the [OOEC](#), at the prestigious Oxford University, UK.

Having undertaken a Master degree in Medical Science (Bioengineering - Bone Tissue Engineering) at the University of Nice Sophia-Antipolis (Laboratoire CNRS GÉPITOS) in 2008, he is doing a PhD at the LaTIM unit on the *"Multimodal and biomechanical modelization of the knee: towards a personalized approach to total knee replacement"* under the supervision of Pr [Eric Stindel](#) and Guillaume Dardenne (Senior Research Engineer), LaTIM, University of Western Brittany, France.

His research interests include the study of lower limb arthroplasty procedure, knee kinematic, Computer-Assisted Orthopaedic Surgery, Robotic Surgical Procedure and surgical simulation.

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