



SERVIZIO SANITARIO REGIONALE  
EMILIA - ROMAGNA  
Istituto Ortopedico Rizzoli di Bologna  
Istituto di Ricovero e Cura a Carattere Scientifico



**Bone bank: scientific collaboration between Istituto Rizzoli and BIOBank S.A.  
The agreement will allow the Musculoskeletal Tissue Bank to access an innovative  
tissue preservation treatment.**



Last week a collaboration agreement was signed between the Bank of Musculoskeletal Tissue of Emilia-Romagna at the Rizzoli Orthopaedic Institute in Bologna and BIOBank, the French leading bank in bone grafts. The director of BTM Dr. Dante Dallari, together with the Bank's Research and Development team and the general manager of Rizzoli Anselmo Campagna, met the president of BIOBank Patrick Joucla, who arrived with his team in Bologna.

BIOBank, based near Paris, is an independent company and a tissue bank for orthopaedic, spinal, dental and maxillofacial surgery, a sector in which it has been a leader for over 20 years. It is the first French tissue bank specialized in bone grafts to benefit from ISO 13485 certification, a guarantee of a quality management system compliant with standards and requirements on medical devices, which has allowed its development at European and international level.

Certified as a tissue bank by ANSM (French National Safety Agency for Health Products), it is authorized to procure, store, process and bank bone grafts.

The signed letter of intent initiates a scientific partnership between BTM based at Rizzoli and BIOBank. BTM will send to the French Bank some tissues, in particular tendons and osteotendons, which BIOBank will treat with a special machine: the tissue is cleaned through the use of carbon dioxide at a supercritical level, a state of matter between gaseous and solid. Subsequently, the French bank will return the treated material to BTM, which will proceed to carry out analysis and tests on it. If the benefits of this treatment are confirmed, the goal will be to validate this process to further improve and innovate tissue preservation at Musculoskeletal Tissue Bank.

Active since 1962, the first in Italy, the Rizzoli Musculoskeletal Tissue Bank provides 50% of all musculoskeletal tissue used in Italy. Every year, the Bank allows more than five thousand operations to be performed on deformities such as scoliosis, oncological diseases or traumas in the orthopedic, neurosurgical and odontostomatological fields. It guarantees the quality and safety of the fabrics distributed and contributes to the drafting and dissemination of standards and guidelines; It also participates in technological innovation projects for tissue regeneration.