

The 35 th Annual Meeting of the Research Society for Orthopaedic Biomaterials

# 第35回

# 整形外科バイオマテリアル研究会



湯島聖堂練塀

2015 12 / 12 Sat

ソラシティ カンファレンスセンター  
東京都千代田区神田駿河台4-6

会長 大川 淳

東京医科歯科大学 大学院

医歯学総合研究科 整形外科学分野 教授

事務局 〒113-8519 東京都文京区湯島1-5-45

東京医科歯科大学整形外科 03-5803-5272

E-mail : rsob35.orth@tmd.ac.jp

http://www.rsob35.com

Clavicular Plate

Plate: Ti Alloy, Stainless  
Screw: Ti Alloy, Stainless

Humeral Nail

Nail: Ti Alloy, Stainless  
Screw: Ti Alloy, Stainless

Artificial Elbow Joint

Humeral Component: Ti Alloy  
Bearing: UHMWPE  
Ulnar Component: Ti Alloy  
Bone Cement: Poly-methyl-methacrylate

Vertebral Body Spacer

Ti Alloy, Poly-Ether-Ether-Keton,  
Hydroxyapatite

Iliac Spacer

Hydroxyapatite,  $\beta$ -Tricalcium Phosphate

Artificial Hip Joint

Outer Shell: Ti Alloy  
Liner: UHMWPE,  $Al_2O_3$ ,  $ZrO_2$   
Inner Head: Co-Cr,  $Al_2O_3$ ,  $ZrO_2$   
Stem: Ti-6Al-4V, Ti Alloy  
Bone cement: Poly-methyl-methacrylate

Artificial Knee Joint

Femoral Component: Co-Cr  
Insert: UHMWPE  
Tibia Base Plate: Ti Alloy  
Bone Cement: Poly-methyl-methacrylate

Artificial Shoulder Joint

Humeral Component: Ti Alloy  
Glenoidal Component: UHMWPE  
Bone Cement: Poly-methyl-methacrylate

Humerus Plate

Plate: Ti Alloy, Stainless  
Screw: Ti Alloy, Stainless

Artificial Vertebral Disc

Plate: Ti Alloy, Stainless  
Bearing: UHMWPE

Pelvic Plate

Plate: Ti Alloy, Stainless  
Screw: Ti Alloy, Stainless

Femoral Nail

Nail: Ti Alloy, Stainless  
Screw: Ti Alloy, Stainless

Tibia Plate

Plate: Ti Alloy, Stainless  
Screw: Ti Alloy, Stainless

