

Materials List for

## Sensor Assessment of Gap Balance in Mobile-Bearing Unicompartmental Knee Arthroplasty

Xiaowei Sun\*<sup>1,2</sup>, Qiuyuan Wang\*<sup>2,3</sup>, Juncheng Ge\*<sup>2,4</sup>, Weiguo Wang<sup>2</sup>, Wanshou Guo<sup>1,2</sup>, Qidong Zhang<sup>1,2,4</sup>

<sup>1</sup>Graduate School of Peking Union Medical College and Chinese Academy of Medical Sciences <sup>2</sup>Department of Orthopaedic Surgery, China-Japan Friendship Hospital <sup>3</sup>Graduate School of Beijing University of Chinese Medicine <sup>4</sup>Department of Orthopaedic Surgery, Peking University China-Japan Friendship School of Clinical Medicine

Corresponding Authors		Citation	
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## **Materials**

Name	Company	Catalog Number	Comments
Oxford UKA	Zimmer/Biomet		For the catalog numbers refer to Oxford Partial Knee Microplasty Instrumentation (femoral component, tibial component, meniscus bearing)
Teflon Tape	3M		Abrasion resistant adhesive tape widely used in biomechanical experiments
Verasense	OrthoSensor	Verasense	TKA sensor
Excel	Microsoft		digital table software
STERRAD 100S sterilization system	Johnson&Johnson	STERRAD 100S	Low-temperature sterilizing with hydrogen peroxide gas plasma
UKA force sensor	Qingrui Boyuan	in house	Co-designed and produced by Qingrui Boyuan Technology
Computer program for recording raw data	Qingrui Boyuan	in house	Co-designed and produced by Qingrui Boyuan Technology
Protractor	Shanghai M&G Stationery Inc.	any	Sterilized in the sterilization system
USB line	Lenovo		any
Laptop	Lenovo		any basic configuration

<sup>\*</sup>These authors contributed equally