

TKA CUTTING BLOCK SURGICAL ALIGNMENT PLAN

PATIENT	Tato část dokumentu je uzavřena.
ANATOMY	RIGHT
SURGEON	DR. SEDIVY
IMPLANT	GENESIS II
SURGERY DATE	APRIL 10,2012

X-RAY MEASUREMENTS

PRE-OP FULL LEG DEFORMITY	7.2 VALGUS°
MECHANICAL AXIS FEMUR VALGUS ANGLE	4.2°
TIBIA DEFORMITY	0.1°

FEMUR PART NO.	PM047713V1
VARUS/VALGUS ALIGNMENT	MECHANICAL AXIS OFF PATIENT X-RAY
MECHANICAL VARUS PREFERENCE	N/A
EXTERNAL ROTATION	POSTERIOR CONDYLES
FLEXION	4°
DISTAL FEMORAL RESECTION	RESECT TO TROCHLEAR SULCUS
SIZE	6
DISTAL MEDIAL RESECTION	11.5 mm
DISTAL LATERAL RESECTION	4.5 mm
DISTAL SULCUS RESECTION	-.5 mm
POSTERIOR MEDIAL RESECTION	10.0 mm
POSTERIOR LATERAL RESECTION	9.0 mm

TIBIA PART NO.	PM047713V2
VARUS/VALGUS ALIGNMENT	MECHANICAL AXIS OFF PATIENT X-RAY
EXTERNAL ROTATION	ALIGN W/ MEDIAL 1/3 TIB TUBERCLE
POSTERIOR SLOPE	3 DEGREE
PLANNED INSERT THICKNESS	ADDITIONAL +2 MM RESECTION (11 MM INSERT THICKNESS)
SIZE	6
PROXIMAL MEDIAL RESECTION	9.0 mm
PROXIMAL LATERAL RESECTION	9.0 mm
RESECTION TO EMINENCE	18.0 mm

NOTES: ADDITIONAL DISTAL RESECTION IS NEEDED TO FULLY RESECT TO SULCUS

VISIONAIRE FEMUR ALIGNMENT

M/L VIEW

DISTAL RESECTION

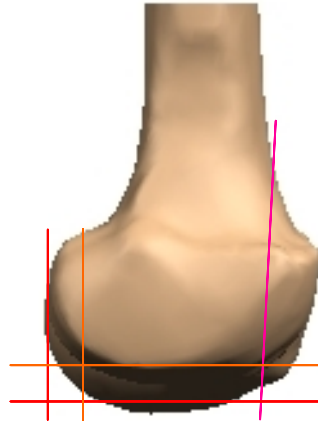
- 11.5 mm off MEDIAL
- 4.5 mm off LATERAL
- .5 mm into SULCUS

POSTERIOR RESECTION

- 10.0 mm off MEDIAL
- 9.0 mm off LATERAL

ANTERIOR RESECTION

- FLUSH TO ANTERIOR CORTEX



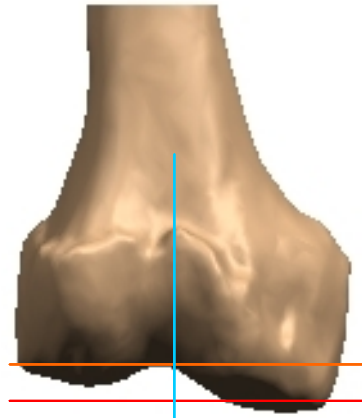
A/P VIEW

DISTAL RESECTION

- 11.5 mm off MEDIAL
- 4.5 mm off LATERAL
- .5 mm into SULCUS

VARUS/VALGUS ALIGNMENT

- MECHANICAL AXIS OFF PATIENT X-RAY



DISTAL VIEW - 90° FLEXION

EXTERNAL ROTATION

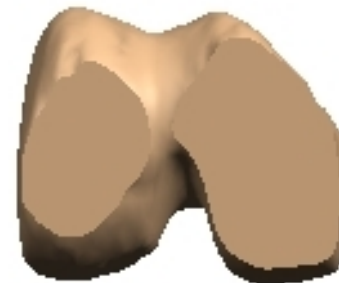
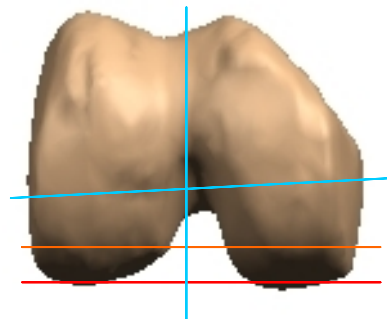
- POSTERIOR CONDYLES
- RELATION TO CURRENT ROTATION
- TEA: 3.0° EXTERNAL
- PCA: 1.0° INTERNAL

POSTERIOR RESECTION

- 10.0 mm off MEDIAL
- 9.0 mm off LATERAL

IMPLANT BOUNDARY

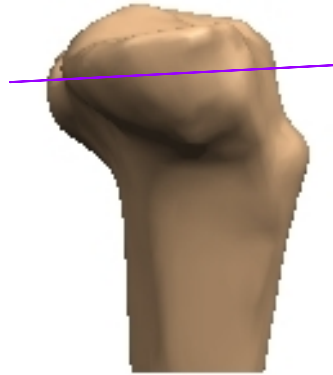
- MOST POSTERIOR HORIZONTAL LINE



VISIONAIRE TIBIA ALIGNMENT

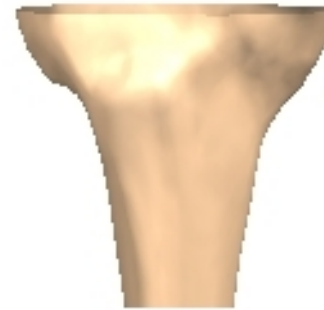
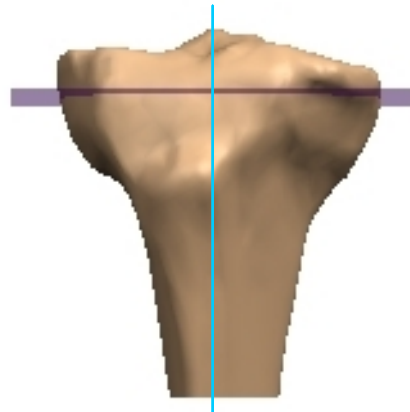
M/L VIEW

POSTERIOR SLOPE
3 DEGREE



A/P VIEW

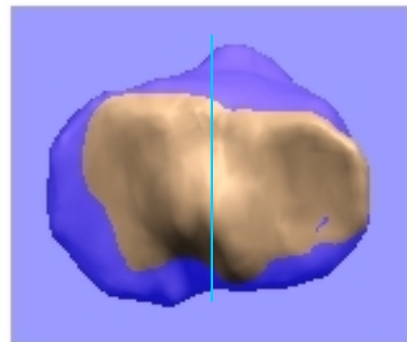
VARUS/VALGUS ALIGNMENT
MECHANICAL AXIS OFF PATIENT X-RAY



PROXIMAL VIEW

EXTERNAL ROTATION
ALIGN W/ MEDIAL 1/3 TIB TUBERCLE

PROXIMAL RESECTIONS
9.0 mm off MEDIAL
9.0 mm off LATERAL

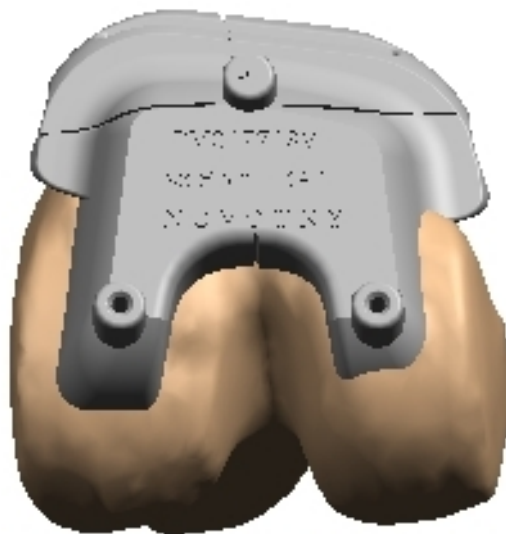


VISIONAIRE TKA CUTTING BLOCK PLACEMENT

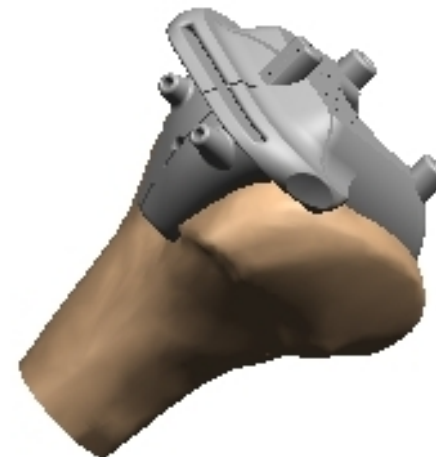
FEMUR



MEDIAL



DISTAL



LATERAL

TIBIA



MEDIAL



ANTERIOR



LATERAL

VISIONAIRE X-RAY IMAGES

X-RAY MEASUREMENTS

PRE-OP FULL LEG DEFORMITY

7.2 VALGUS°

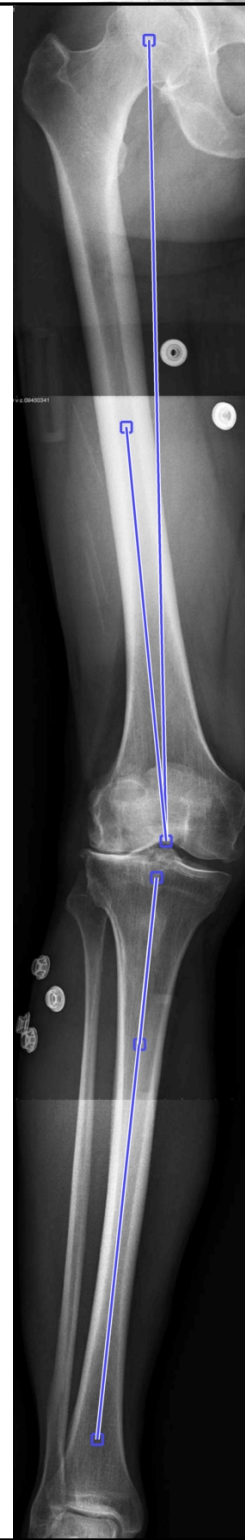
MECHANICAL AXIS

FEMUR VALGUS ANGLE

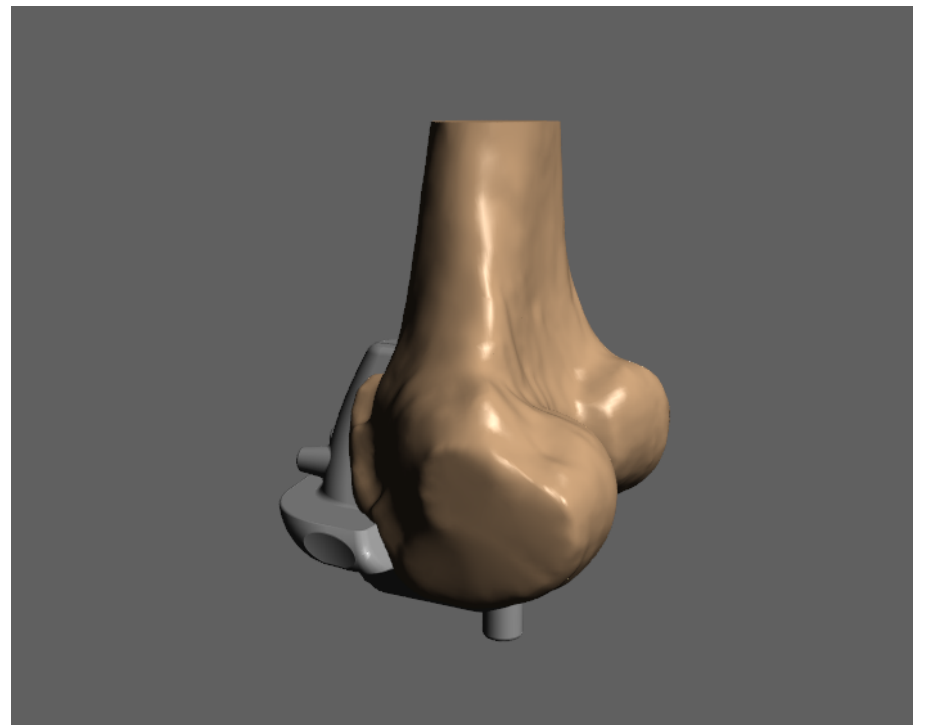
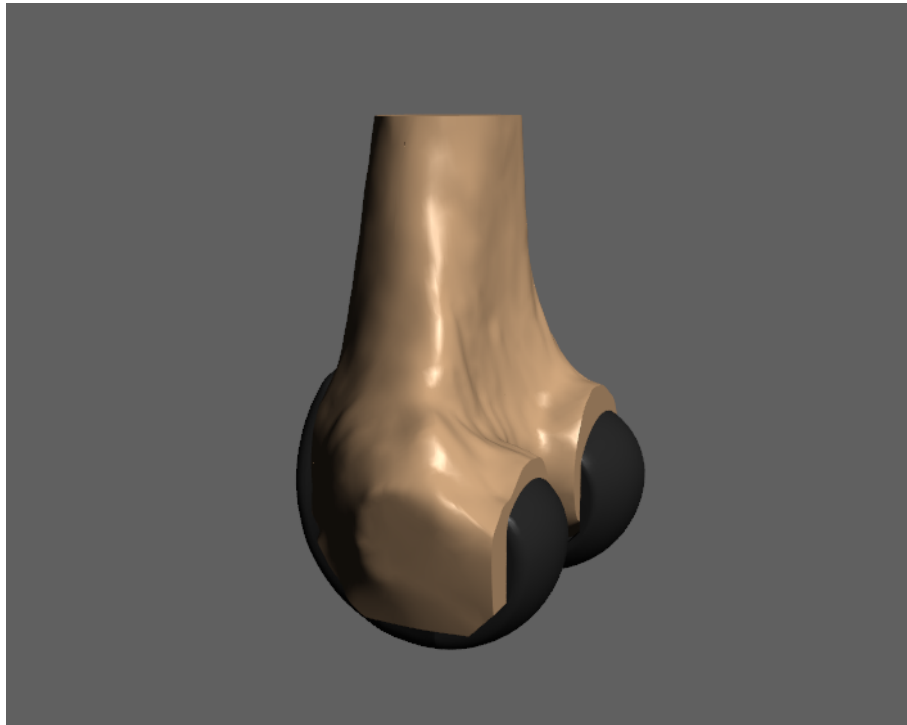
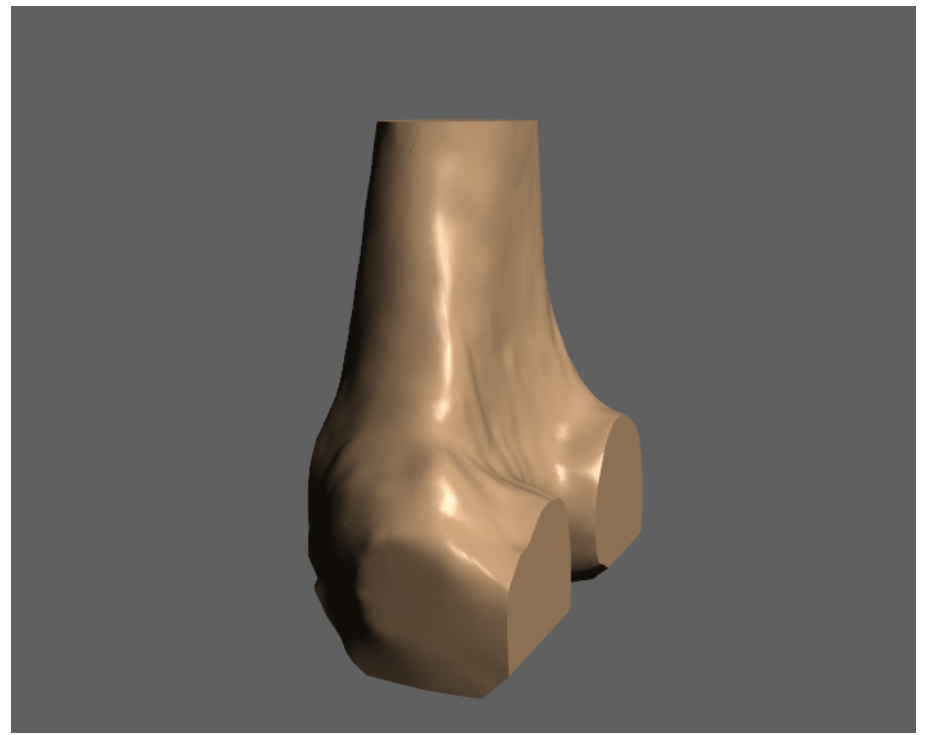
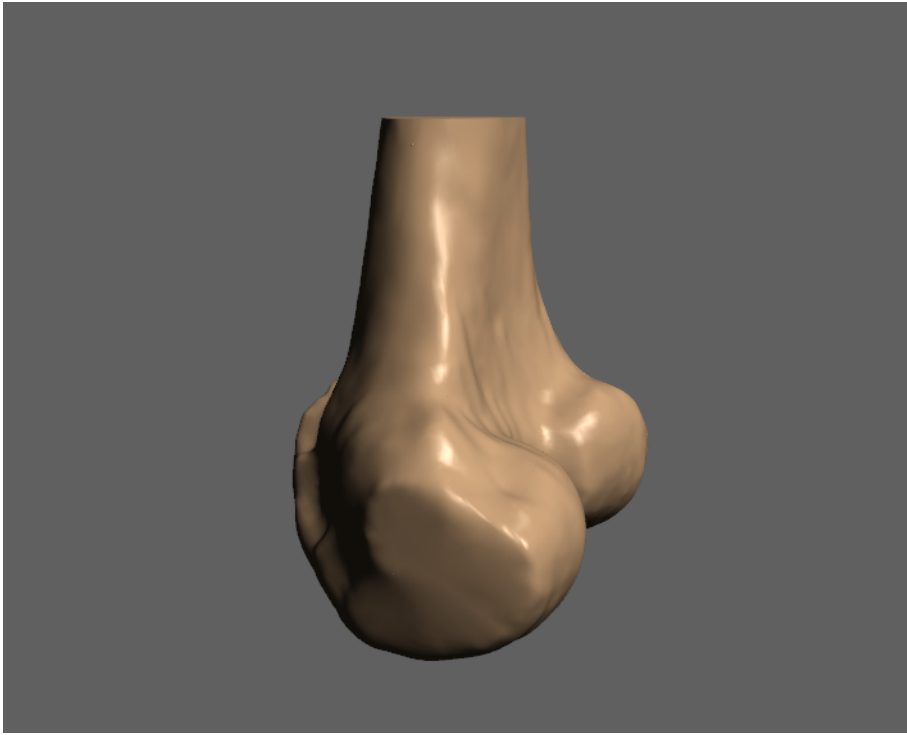
4.2°

TIBIA DEFORMITY

0.1°



VISIONAIRE 3D-INTERACTIVE FEMUR MODELS



VISIONAIRE 3D-INTERACTIVE TIBIA MODELS

