

<h1>FORM</h1>					
<h2>JOB SHEET – PRE-OPERATIVE KNEE</h2>					
Document No:	KIC-FRM-MF-24	Revision:	06	Revision Date:	March-2019

JOB ID NUMBER:

PATIENT NAME:

**REPROCESSING REQUIRED**

(KIC-FRM-MF-219 Non-Conformity Log)

**DUE TO SURGEON FEEDBACK**

Date requested

Date received

**CONCESSION REQUIRED**

(KIC-FRM-MF-219 Non-Conformity Log)

**JOB SUMMARY**

OP No.	Description of Operation (reference to work instruction)	Signature & Date Performed	CA/PA No.
OP10	<b>Surgeon Request and Collection of Patient Data</b> KIC-WKI-MF-38 <i>Request for Knee PREKS Service and Patient Specific Guides</i>		
OP20	<b>Acquisition of Patient Images</b> KIC-WKI-MF-04 <i>Imaging Protocol – Knee (Pre-operative)</i> KIC-WKI-MF-38 <i>Request for Knee PREKS Service and Patient Specific Guides</i>		
OP30	<b>Segmentation &amp; Landmarking</b> KIC-WKI-MF-34 <i>Segmentation and Landmarking for Pre-Operative Knee</i>		
OP30.1	<b>MRI Registration</b> KIC-WKI-MF-34 <i>Segmentation and Landmarking for Pre-Operative Knee</i>		
OP35	<b>Quality Control (Segmentation &amp; Landmarking)</b> KIC-WKI-MF-33 <i>Quality Control of Pre-Operative Knee and Report Release</i>		
OP40	<b>Implant Positioning</b> KIC-WKI-MF-35 <i>Implant Positioning, Execution of Knee PREKS Software and Post-Processing</i>		
OP41	<b>Quality Control (Implant Positioning)</b> KIC-WKI-MF-33 <i>Quality Control of Pre-Operative Knee and Report Release</i>		
OP44	<b>Execution of PREKS and Report Generation</b> KIC-WKI-MF-35 <i>Implant Positioning, Execution of Knee PREKS Software and Post-Processing</i>		
OP45	<b>Quality Control (Report)</b> KIC-WKI-MF-33 <i>Quality Control of Pre-Operative Knee and Report Release</i>		
OP50	<b>Guide Design</b> KIC-WKI-MF-41 <i>Designing Patient Specific Guides</i>	<b>Femur</b>	
		<b>Tibia</b>	
		<b>Patella</b>	

OP No.	Description of Operation (reference to work instruction)	Signature & Date Performed	CA/PA No.
OP55	<b>Quality Control (Guide Design)</b> KIC-WKI-MF-55 <i>Quality Control of Patient Specific Guides</i>	<b>Femur</b>	
		<b>Tibia</b>	
		<b>Patella</b>	
OP60	<b>Report Release</b> KIC-WKI-MF-33 <i>Quality Control of Pre-Operative Knee and Report Release</i>		
OP70	<b>Guide Printing</b> KIC-WKI-MF-55 <i>Quality Control, Packaging and Despatch of Patient Specific Guides</i>		
OP100	<b>Guide Dispatch</b> KIC-WKI-MF-25 <i>Quality Control, Packaging and Despatch of Patient Specific Guides</i>		

## OP10. Surgeon Request and Collection of Patient Data

### PATIENT DETAILS

First name

Surname

Gender

Male

Female

Date of Birth (dd-mmm-yyyy)

### IMPLANT DETAILS

Knee for analysis

Left

Right

Date of surgery (dd-mmm-yyyy)

Hospital

Implant System

Brand

Model

### SURGEON DETAILS

Surgeon name

## OP20. Acquisition of Patient Images

Radiology Centre

Radiology Centre approved?

Yes

No – Surgeon approval required

Date of Scan

Scan Type

CT

MRI

Correct patient scan in folder

PASSED Guardian

Concession

Review Required

Review Completed

## OP30. Segmentation and Landmarking

Booking Check

Pass

Fail – See Note

Problem experienced?

No

Yes – See Note

### OP30.1 MRI Registration Check

Femur

Pass

Fail

Tibia

Pass

Fail

Patella

Pass

Fail

## Clinical and imaging notes for OP10 – OP30.1

## OP35 Quality Control (Segmentation and Landmarking)

Correct patient scan used?                      Yes                      No

Problem with segmentation?                      No                      Yes – See *Note*

**LANDMARKS**                      **All Pass**                      All Pass, except:

FEM_femoralCenter	Different:
FEM_lateralCondyle	Different:
FEM_lateralEpicondyle	Different:
FEM_lateralPosteriorCondyle	Different:
FEM_medialCondyle	Different:
FEM_medialEpicondyle	Different:
FEM_medialPosteriorCondyle	Different:
FEM_medialSulcus	Different:
FEM_midfemurCenter	Different:
FEM_PCLOrigin	Different:
FEM_whitesideReference	Different:
femur_greaterTrochanter	Different:
femur_hipCenter	Different:
PAT_anteriorApex	Different:
PAT_LateralEdge	Different:
PAT_MedialEdge	Different:
PAT_patTendonOrigin	Different:
PAT_posteriorApex	Different:
PAT_quadTendonInsertion	Different:
TIB_lateralEdge	Different:
TIB_lateralWell	Different:
TIB_LCLInsertion	Different:
TIB_MCLInsertion	Different:
TIB_medialWell	Different:
TIB_PCLInsertion	Different:
TIB_Tubercle	Different:
tibia_lateralMalleolus	Different:
tibia_medialMalleolus	Different:

Landmarking notes for OP35:

## OP40. Implant Positioning

Alignment Name					
Femoral component					
Tibial Tray					
Tibial Insert					
Patella button					

## OP41. Quality Control (Implant Positioning)

Correct patient file used? Yes

Alignment Name					
Femoral component	Repos.	Repos.	Repos.	Repos.	Repos.
	Resized	Resized	Resized	Resized	Resized
Final Size					
Tibial Tray	Repos.	Repos.	Repos.	Repos.	Repos.
	Resized	Resized	Resized	Resized	Resized
Final Size					
Tibial Insert					
Patella Button	Repos.	Repos.	Repos.	Repos.	Repos.
	Resized	Resized	Resized	Resized	Resized
Final Size					

Implant positioning notes for OP40 – OP41

## OP44. Execution of PREKS Software and Report Generation

### DETAILS OF SIMULATION

PREKS software version number

Problem experienced? No Yes – See *Note*

## OP45. Quality Control (Report)

Alignment Name					
Case information matches OP10 and OP20	N/A Pass	N/A Pass	N/A Pass	N/A Pass	N/A Pass
Implant alignment matches surgeon prescription	N/A Pass	N/A Pass	N/A Pass	N/A Pass	N/A Pass
Implant choice and sizing matches OP41	N/A Pass	N/A Pass	N/A Pass	N/A Pass	N/A Pass
Supplementary material	N/A Pass	N/A Pass	N/A Pass	N/A Pass	N/A Pass

Report generation notes for OP44 – OP45

## OP50. Guide Design

### DETAILS OF GUIDE DESIGN

### Alignment Used

Femoral component positioning

Tibial component positioning

Patella component positioning

## OP55. Quality Control (Guide Design)

### Femoral Guide & Bone Model

### All Pass

Guide design follows surgeon preference form

Pass

Fail

Guide position matches component positioning

Pass

Fail

Bone model pin hole and contact marks match guide pin holes

Pass

Fail

Run PSG QC Check and check report

Pass

Fail

### Tibial Guide & Bone Model

### All Pass

Guide design follows surgeon preference form

Pass

Fail

Guide position matches component positioning

Pass

Fail

Bone model pin hole and contact marks match guide pin holes

Pass

Fail

Run PSG QC Check and check report

Pass

Fail

### Patella Guide & Bone Model

### All Pass

Guide design follows surgeon preference form

Pass

Fail

Guide position matches component positioning

Pass

Fail

Bone model annotations match case information

Pass

Fail

Run PSG QC Check and check report

Pass

Fail

