

MOST Radiograph Assessments for 144m-168m

Annotated Forms

- 144-Month (V7)
- 168-Month (V9)
- Change between 144m-168m (V79)
- Summary outcomes from BL to 168m (V99E_)

Variable name*	Label
	PA view parameters
VxXsKL	Kellgren & Lawrence (grades 0-4) on PA view
VxXsJSM	joint space narrowing (OARSI grades 0-3) medial TF compartment on PA view
VxXsJSL	joint space narrowing (OARSI grades 0-3) lateral TF compartment on PA view
VxXsOSFM	osteophytes (OARSI grades 0-3) femur medial TF compartment on PA view
VxXsOSFL	osteophytes (OARSI grades 0-3) femur lateral TF compartment on PA view
VxXsOSTM	osteophytes (OARSI grades 0-3) tibia medial TF compartment on PA view
VxXsOSTL	osteophytes (OARSI grades 0-3) tibia lateral TF compartment on PA view
	Lateral view parameters
VxXsKLPF	Kellgren & Lawrence (grades 0-4) PF joint on LA view
VxLXsJSPF	joint space narrowing (OARSI grades 0-3) PF joint on LA view

*Vx – denotes V7 or V9: VxX – for PA view parameters, VxLX – for lateral view parameters;
s – denotes L or R

Main features and calculated variables: Knee Radiograph Assessments

KELLGREN-LAWRENCE GRADE (KL)		Right (XR-)	Left (XL-)
Tibiofemoral ^{PA} (-)	V7	V7XRKL	V7XLKL
	V9	V9XRKL	V9XLKL
	Change 144M-168M V79	V79XRKL_C	V79XLKL_C
Patellofemoral ^L (-PF-)	V7	V7XRKLPF	V7XLKLPF
	V9	V9XRKLPF	V9XLKLPF
	Change 144M-168M V79	V79XRKLPF_C	V79XLKLPF_C

^{PA} Read from PA view.

^L Read from Lateral view.

JOINT SPACE (JS) NARROWING ^{PA/L}		Right (XR-)	Left (XL-)
Tibiofemoral Lateral (-L)	V7	V7XRJSL	V7XLJSL
	V9	V9XRJSL	V9XLJSL
	Change (144M-168M) V79	V79XRJFJSL_C	V79XLJFJSL_C
Tibiofemoral Medial (-M)	V7	V7XRJSM	V7XLJSM
	V9	V9XRJSM	V9XLJSM
	Change (144M-168M) V79	V79XRJFJSM_C	V79XLJFJSM_C
Tibiofemoral (-TF-) Maximum Change	V79	V79XRJFJS_C	V79XLJFJS_C
Change (144M-168MM)			
Patellofemoral ^L (-PF-)	V7	V7LXRJSPF	V7LXLJSPF
	V9	V9LXRJSPF	V9LXLJSPF
	Change (144M-168M) V79	V79RPFJS_C	V79LXPFJS_C

^{PA/L} Read from PA or Lateral view.

^L Read from Lateral view.

OSTEOPHYTES (OS) ^{PA}		Right (XR-)	Left (XL-)
Femur Lateral (-FL)	V7	V7XROSFL	V7XLOSFL
	V9	V9XROSFL	V9XLOSFL
Femur Medial (-FM)	V7	V7XROSM	V7XLOSM
	V9	V9XROSM	V9XLOSM
Tibia Lateral (-TL)	V7	V7XROSTL	V7XLOSTL
	V9	V9XROSTL	V9XLOSTL
Tibia Medial (-TM)	V7	V7XROSTM	V7XLOSTM
	V9	V9XROSTM	V9XLOSTM

^{PA} Read from PA view

RADIOGRAPHIC OA (ROA)		Right (XR-)	Left (XL-)	Knee (-k)
Tibiofemoral (-TF-)	V7	V7XRTFROA	V7XLTFROA	V7XTFROAk
	V9	V9XRTFROA	V9XLTFROA	V9XTFROAk
Patellofemoral (-PF-)	V7	V7XRPFROA	V7XLPFROA	V7XPFROAk
	V9	V9XRPFROA	V9XLPFROA	V9XPFROAk
Whole Knee (-WK-)	V7	V7XRWKROA	V7XLWKROA	V7XWKROAk
	V9	V9XRWKROA	V9XLWKROA	V9XWKROAk

JOINT SPACE (JS) NARROWING PROGRESSION (_P)		Right (XR-)	Left (XL-)
Tibiofemoral (-TF-) Lateral (-L) Change (144M-168M)	V79	V79XRTFJSL_P	V79XLTFJSL_P
	V79	V79XRPFJSM_P	V79XLTFJSM_P
Tibiofemoral (-TF-) Medial (-M) Change (144M-168M)	V79	V79XRPFJSM_P	V79XLTFJSM_P
	V79	V79XRPFJSL_P	V79XLTFJSL_P
Patellofemoral (-PF-) Change (144M-168M)	V79	V79XRPFJSL_P	V79XLTFJSL_P
	V79	V79XRPFJSM_P	V79XLTFJSM_P
Whole Knee (-WK-) Change (144M-168M)	V79	V79XRWKJSL_P	V79XLWKJSL_P
	V79	V79XRWKJSM_P	V79XLWKJSM_P

Calculated variables list

Variable name*	Label
	Each time point
VxXsTFROA	TF ROA status
VxXsPFROA	PF ROA status
VxXsWKROA	WK ROA status
VxXTFROAk	knee(s) with radiographic tibiofemoral OA
VxXPFROAk	knee(s) with radiographic patelofemoral OA
VxXWKROAk	knee(s) with radiographic whole knee OA
	Change between 144m and 168m
V79XsKL_C	144M-168M knee: change in Kellgren & Lawrence grade TF joint on PA view
V79XsTFJSM_C	144M-168M knee: change in TF JSN medial compartment on PA or LA view
V79XsTFJSL_C	144M-168M knee: change in TF JSN lateral compartment on PA or LA view
V79XsTFJS_C	144M-168M knee: change in TF JSN on PA view or LA view
V79XsPFKL_C	144M-168M knee: change in Kellgren & Lawrence grade PF joint on LA view
V79XsPFJS_C	144M-168M knee: change in PF JSN on LA view
	Progression between 144m and 168m
V79XsTFJSM_P	144M-168M knee: TF JSN medial compartment progression on PA or LA view
V79XsTFJSL_P	144M-168M knee: TF JSN lateral compartment progression on PA or LA view
V79XsTFJS_P	144M-168M knee: TF JSN progression on PA or LA view
V79XsPFJS_P	144M-168M knee: PF JSN progression on LA view
V79XsWKJS_P	144M-168M knee: WK JSN progression on PA or LA view
	Summary Outcomes (from enrollment to last completed visit)
V99E_sXKL2	knee BL-168M Summary incident KL \geq 2 TF joint
V99E_sXKL2n	knee BL-168M Summary incident KL \geq 2N TF joint
V99E_sXKLPF2n	knee BL-168M Summary incident KL \geq 2N PF joint
V99E_sXJSNM	knee BL-168M Summary medial JSN progression on PA view
V99E_sXJSNL	knee BL-168M Summary lateral JSN progression on PA view
V99E_sXJSNM_Lat	knee BL-168M Summary medial JSN progression on LA view
V99E_sXJSNL_Lat	knee BL-168M Summary lateral JSN progression on LA view
V99E_sXJSNM_any	knee BL-168M Summary medial JSN progression on PA or LA view
V99E_sXJSNL_any	knee BL-168M Summary lateral JSN progression on PA or LA view
V99E_sXJSPF_Lat	knee BL-168M Summary PF JSN progression on LA view
V99E_sXLVSQD	knee, last visit with central reading follow-up knee x-ray SQ (KL or JSN) data

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s – denotes L or R

Note: enrollment or baseline visit is V0 for Original Cohort and V7 (144m) for New Cohort.