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PACS SYSTEM - BURN CD IF NEEDED

**ThedaCare
MR Protocol**

Exam: CYBERKNIFE L-SPINE 2017
Coil: HNS L456
Position: Supine HEAD FIRST
Landmark: ILIAC REGION

Pulse Sequence	Options	TR	TE TI	ETL	FA	BW	FOV	Thick/ Gap	Sat	Matrix	NEX	Freq Dir	Time	Instructions
3-PL LOC LSP	NONE						40	10		<u>256</u> 128	2		:44	Auto center Freq H2O 7 sl
CALIB SCAN												A/P	:12	
DO EITHER	SAGGITAL	FOR	LESION	LOC										
+C SAG T1 FS	VBW	525	Min			25.00	28	2/0		<u>288</u> 288	2	S/I	2:56	Auto center Ashim freq H2O
+C SAG T2	NPW TRF ZIP 512 FR	3000	102	33		27.7	28	2/0		<u>288</u> 288	2	A/P	1:30	ACF:H2O PFOV:1
+C AX T2	FC VBW TRF zip 512 NPW	3000	102	29		22.73	20	2/0		<u>256</u> 256	2	R/L	7:45	STRAIGHT AXIALS 50 SLICES
+C AX T1	VBW NPW	675	Min Full			27.78	20	2/0		<u>256</u> 256	2	R/L	10:22	STRAIGHT AXIALS 50 SLICES

Send images to the PACS system

NO Oblique's
Inject contrast, then scan

MR Protocols

Exam: CYBERKNIFE C-SPINE STUDY

Coil: 8CH. CTL PHASED ARRAY

Position: Supine HEAD FIRST

Landmark: MANDIBULAR REGION

Pulse Sequence	Options	TR	TE TI	ETL	FA	BW	FOV	Thick/ Gap	Sat	Matrix	NEX	Freq Dir	Time	Instructions
3-PL LOC CSP	NONE						30	10		<u>256</u> 128	2		:44	Auto center Freq H2O 7 sl
CALIB SCAN												A/P	:12	
DO EITHER	SAGGITAL	FOR	LESION	LOC										
+C SAG T1	VBW	525	<u>Min</u> FULL			15.63	24	3/1		<u>288</u> 192	1	S/I	2:56	Auto center Ashim freq H2O
+C SAG T2 FRFSE	NPW TRF ZIP 512 FR	3450	110	33		41.67	24	3/1	S/I A/P	<u>288</u> 192	4	A/P	1:30	ACF:H2O PFOV:1
+C AX T2 FRFSE	FC VBW TRF SqP zip 512 NPW	3750	110	29		31.25	20	2/1	A	<u>256</u> 256	4	A/P	7:45	STRAIGHT AXIALS 50 SLICES
+C AX T1	VBW NPW SqP	675	Min Full			15.63	20	2/1	A	<u>256</u> 256	3	A/P	10:22	STRAIGHT AXIALS 50 SLICES

PACS system (burn CD if necessary)

