

Champs	Séquences	Résol. Spatiale (mm ³)	FOV (mm ²)	Matrice (px)	Coupes Epaisseur (mm) Encodage	TR/TE (ms)	TI (ms)	TF - ES (ms)	FA (°)	iPAT	PFP/SPF	BW(Hz/px) - Commentaires
3T	Séquences IRM pour épilepsie recommandées (HAS 2020)											
	T1 MPRAGE 3D SAG (GRE) ~4min40	0.9 iso (acquis)	240x240	256x256	192 0.9 mm (100% reso. coupe) A>>P	2300/2.3	900	192 - 8.06	8	Grappa 2 GRE/Sep 64/24	OFF/OFF	150 Exc. Non-Sel Echo Assy. Permis
	T2 FLAIR 3D SAG (SPACE) ~6min	0.5x0.5x1 (interp.)	256x240 (93.8% FOVp)	256x230 (90% reso. phase)	176 1 mm (90% reso. coupe) A>>P	7000/413	2100 + T2prep 125ms	210 - 3.72	Var. T2	CAIPI 4	Permis/OFF	592 Sat. Graisse Elevée Exc. Non-Sel Balayage Ellipt. 1.6 moyennes
	T2 2D CORO (TSE) (hippocampes) ~3min	0.5x0.5x2.5 (acquis)	220x186 (84.4% FOVp)	448x360 (80% reso. phase)	50 jointives 2.5 mm R>>L	8200/80	/	15 - 8.66	150	Grappa 2	PFP OFF	328 Compensation flux lecture 2 moyennes Restaur. Aim. ON
	SWI 3D TRA (GRE) ~3min30 OU	0.4x0.4x2 (interp.)	230x186 (81.3% FOVp)	288x260 (90% reso. phase)	75 2 (100% reso. coupe) R>>L	27/20	/	/	15	Grappa 2	7/8 7/8	120 Compensation flux activée
	T2* EG 2D TRA (GRE) ~1min40	0.4x0.4x3 (interp.)	230x186 (81.3% FOVp)	288x260 (90% reso. phase)	50 3 R>>L	850/12	/	/	20	Grappa 2	OFF	200 Compensation flux coupe/lecture
	~19min	FACULTATIVES										
	Diffusion 2D TRA (epi_se) ~2min40	0.6x0.6x3 (interp.)	230x230	180x180 (100% reso.phase)	36 3 mm A>>P	9400/86	/	ES = 1.06		Grappa 2 (EPI/Sep)	PFP 6/8	1028 3-scan Trace bipolaire b-value 0/1000 moyennes 3/3 Sat. Graisse Elevée
	T1 MPRAGE 3D SAG (GRE) POST GADO ~4min40	0.9 iso (acquis)	240x240	256x256	192 0.9 mm (100% reso. coupe) A>>P	2300/2.3	900	224 - 7	8	Grappa 2	OFF/OFF	200 Exc. Non-Sel Echo Assy. Permis

Champs	Séquences	Réso. Spatiale (mm ³)	FOV (mm ²)	Matrice (px)	Coupes Epaisseur (mm) Encodage	TR/TE (ms)	TI (ms)	TF - ES (ms)	FA (°)	iPAT	PFP/SPF	BW(Hz/px) - Commentaires
1.5T	Séquences IRM pour épilepsie recommandées (HAS 2020)											
	T1 MPRAGE 3D SAG (GRE) ~4min40	0.9 iso (acquis)	240x240	256x256 (100% reso. phase)	192 0.9 mm (100% reso. coupe) A>>P	2200/2.7	1100	192 - 8.06	8	Grappa 2 GRE/Sep 64/24	OFF/OFF	150 Exc. Non-Sel Echo Assy. Permis
	T2 FLAIR 3D SAG (SPACE) ~6min	0.5x0.5x1 (interp.)	256x240 (93.8% FOVp)	256x230 (90% reso. phase)	176 1 mm (80% reso. coupe) A>>P	6500/405	1850 + T2prep 125ms	210 - 3.46	Var. T2	CAIPI 4	Permis/ OFF	592 Sat. Graisse Elevée Exc. Non-Sel Balayage Ellipt. 1.6 moyennes
	T2 2D CORO (TSE) (hippocampes) ~4min30	0.5x0.5x2.5 (acquis)	220x186 (84.4% FOVp)	448x360 (80% reso. phase)	50 jointives 2.5 mm R>>L	9960/86	/	17 - 10.7	150	Grappa 2	PFP OFF	162 Compensation flux lecture 3 moyennes Restaur. Aim. ON
	SWI 3D TRA (GRE) ~3min30 ou	0.4x0.4x2.5 (interp.)	230x186 (81.3% FOVp)	256x230 (90% reso.phase)	60 2.5 (90% reso. coupe) R>>L	47/40	/	/	20	Grappa 2	7/8 7/8	100 Compensation flux activée
	T2* EG 2D TRA (GRE) ~2min40	0.4x0.4x3 (interp.)	230x186 (81.3% FOVp)	256x230 (90% reso.phase)	50 3 R>>L	1360/20	/	/	20	Grappa 2	OFF	100 Compensation flux coupe/lecture
	~21min	FACULTATIVES										
	Diffusion 2D TRA (epi_se) ~2min20	0.8x0.8x3 (interp.)	230x230	180x180 (100% reso.phase)	36 3 mm A>>P	8400/90	/	ES = 0.95		Grappa (EPI sep) 2	PFP 6/8	1158 3-scan Trace bipolaire b-value 0/1000 moyennes 3/3 Sat. Graisse Elevée
	T1 MPRAGE 3D SAG (GRE) POST GADO ~4min40	0.9 iso (acquis)	240x240	256x256 (100% reso. phase)	192 0.9 mm (100% reso. coupe) A>>P	2200/2.7	1100	240 - 8.06	8	Grappa 2	OFF/OFF	150 Exc. Non-Sel Echo Assy. Permis