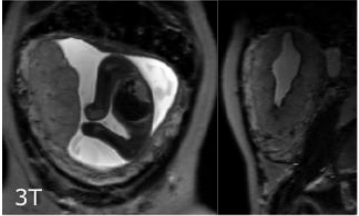
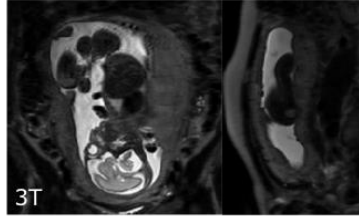
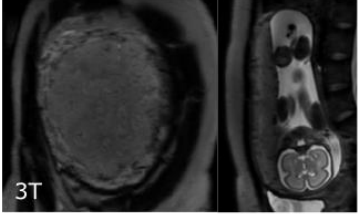
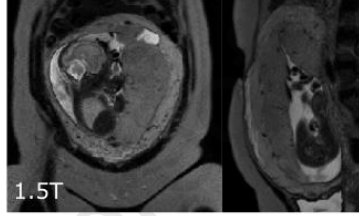
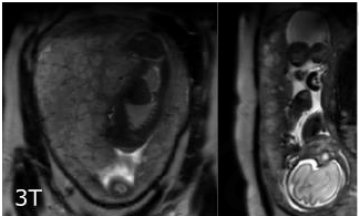
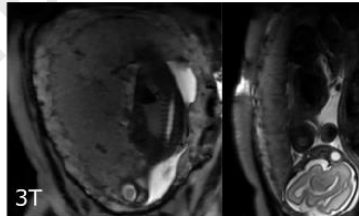
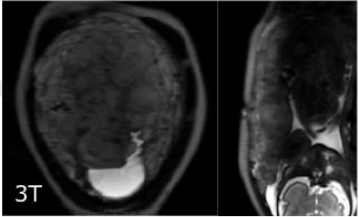
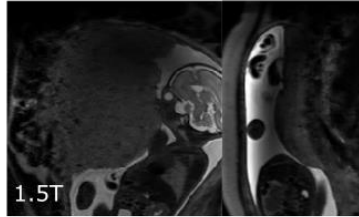
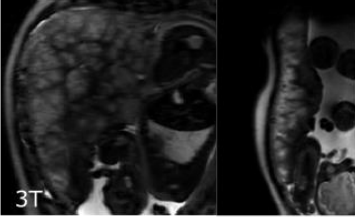
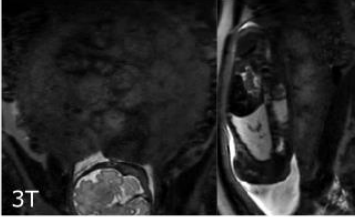
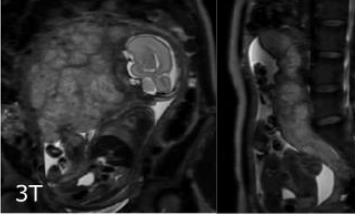
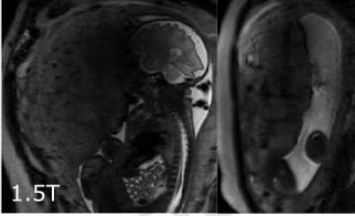
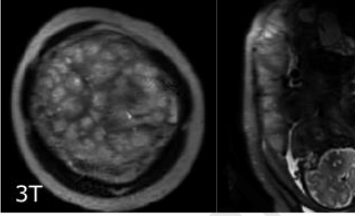
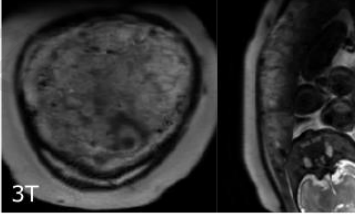
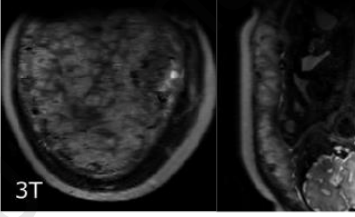
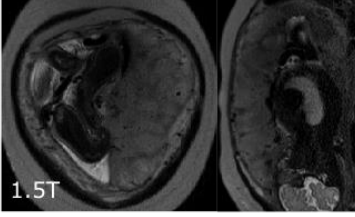
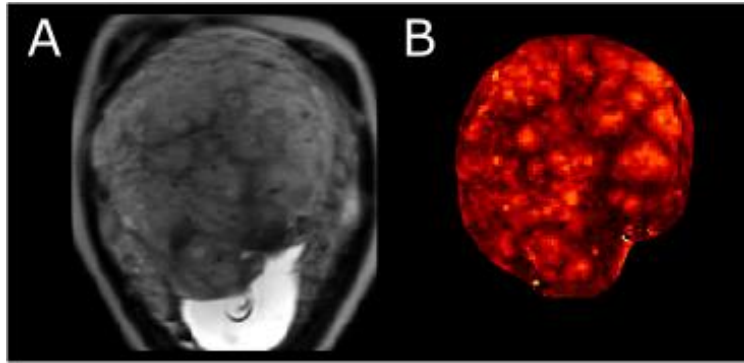


Gestational age	T2-weighted imaging in coronal and sagittal planes			
24-27+6	 <p>3T</p>		 <p>3T</p>	
	 <p>3T</p>		 <p>1.5T</p>	
28-31+6	 <p>3T</p>		 <p>3T</p>	
	 <p>3T</p>		 <p>1.5T</p>	

Supplementary Figure S1: T2-weighted placental imaging in coronal and sagittal planes from low risk pregnancies with anterior placental location at 1.5T and 3T imaging. Note more marked lobulation at 3T

Gestational age	T2-weighted imaging in coronal and sagittal planes			
32-35+6				
				
36-39+6				
				

Supplementary Figure S1 (cont): T2-weighted placental imaging in coronal and sagittal planes from low risk pregnancies with anterior placental location at 1.5T and 3T imaging.

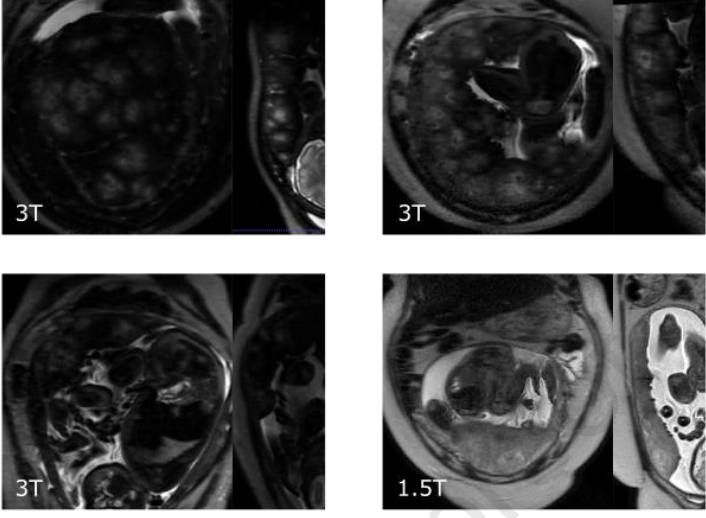


Supplementary Figure S2: (A) T2-weighted placental imaging with corresponding (B) T2* map

Gestational age	T2-weighted imaging in coronal and sagittal planes			
28-31+6	 3T		 3T	
	 3T		 1.5T	
	 3T		 3T	
	 3T		 1.5T	

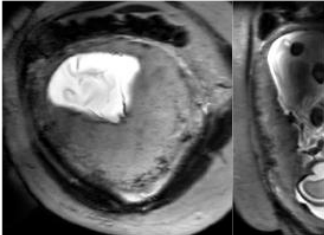
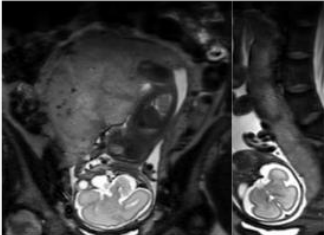
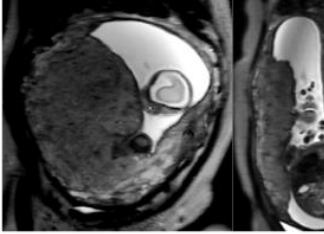
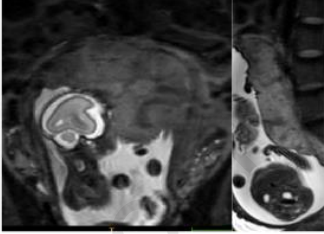
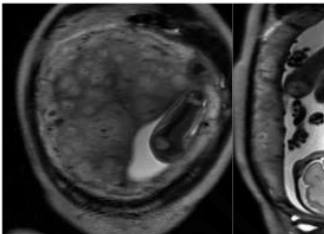
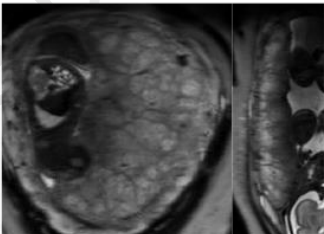
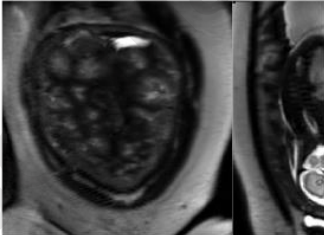
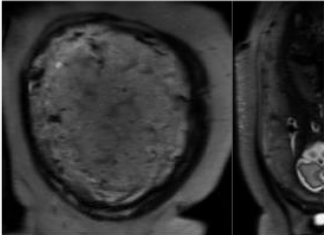
Supplementary Figure S3: T2-weighted placental imaging in coronal and sagittal planes in

women with preeclampsia, from 28 to 34 weeks' gestation.

Gestational age	T2-weighted imaging in coronal and sagittal planes
34-37	

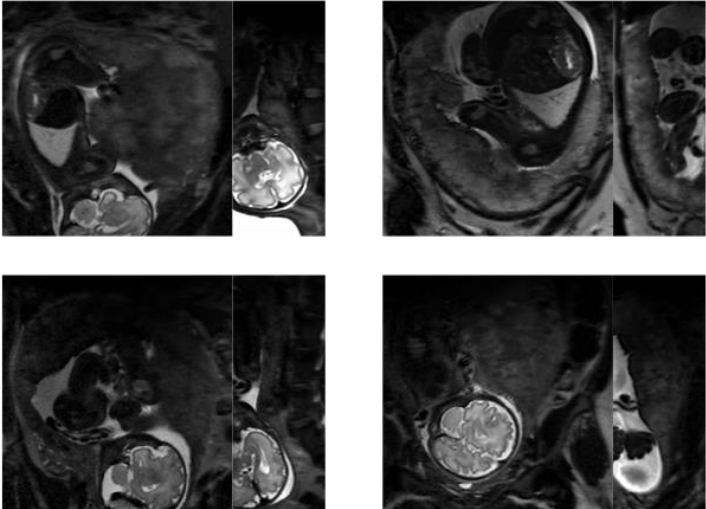
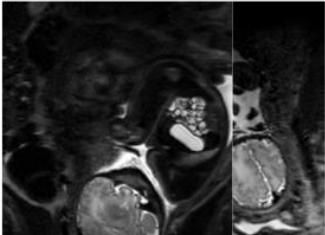
Supplementary Figure S4: T2-weighted placental imaging in coronal and sagittal planes in women with preeclampsia, from 34 to 37 weeks' gestation.

Journal Pre-proof

Gestational age	T2-weighted imaging in coronal and sagittal planes			
24-27+6				
				
28-31+6				
				

Supplementary Figure S5: T2-weighted placental imaging in coronal and sagittal planes in women with chronic hypertension from 24 to 32 weeks' gestation.

Note the varied placental appearance with some showing an appropriate for gestation placenta and others a more mature appearance with increased lobulation, wider septa and more marked heterogeneity than expected for gestational age.

Gestational age	T2-weighted imaging in coronal and sagittal planes
32-35+6	
36-39+6	

Supplementary Figure S6: T2-weighted placental imaging in coronal and sagittal planes in women with chronic hypertension from 32-40 weeks' gestation.

Note the varied placental appearance with some showing an appropriate for gestation placenta and others a more advanced appearance with increased lobulation, wider septa and more marked heterogeneity than expected for gestational age.