Gastric UltraSound

A Point-of-care tool for aspiration risk assessment

GASTRIC SONOGRAPHY REPORT FORM

EXAM INFORMATION	
Date (dd/mm/yy):	Time:
Sonographer:	Referring physician:
☐ Initial exam	☐ Repeat exam

PATIENT INFORMATION					
Last name:			First name:		
Date of birth (dd/mm/yy):			☐ M ☐ F		
Weight (kg):			Height (cm):		
Proposed procedure:			Proposed anesthesia:		
Procedure classification:	☐ Elective	☐ Urgent	☐ Emergency		
Type of intake per os:					☐ Unknown
Time interval since last intake (h):					☐ Unknown
Aspiration risk factors:	☐ GERD	☐ Labour	☐ Diabetes	☐ Stroke	☐ NMD

TECHNICAL ASPECTS					
Probe type:	☐ Curved	☐ Linear	Patient position:	☐ Supine	☐ RLD

RESULTS				
Antrum identified?	☐ Yes	☐ No		
Regional landmarks:	☐ Liver	☐ Aorta	☐ Pancreas	☐ IVC
Gastric content type:	☐ Empty			
	☐ Clear fluid	Antral area in RLD: cm^2		Estimated volume: mL
	☐ Thick fluid/solid			

COMMENTS

SUMMARY AND INTERPRETATION	
☐ Inconclusive / technically difficult	
☐ Empty stomach	☐ ***grade 0***
☐ Clear fluid: mL	☐ ***grade 1***: consistent with baseline gastric secretions
	☐ ***grade 2***: likely in excess of baseline gastric secretions
☐ Thick fluid/solid	

ADDENDUM: Predicted GV (mL) based on measured gastric antral CSA (cm^2), stratified by patient age

Right lat CSA (cm^2)	Age(y)						
	20	30	40	50	60	70	80
2	**31**	**18**	**5**	**0**	**0**	**0**	**0**
3	**45**	**32**	**20**	**7**	**0**	**0**	**0**
4	**60**	**47**	**34**	**21**	**9**	**0**	**0**
5	**74**	**62**	**49**	**36**	**23**	**10**	**0**
6	**89**	**76**	**63**	**51**	**38**	**25**	**12**
7	103	**91**	**78**	**65**	**52**	**40**	**27**
8	118	105	**93**	**80**	**67**	**54**	**41**
9	133	120	107	**94**	**82**	**69**	**56**
10	147	135	122	109	**96**	**83**	**71**
11	162	149	136	123	111	**98**	**85**
12	177	164	151	138	125	113	100
13	191	178	165	153	140	127	114
14	206	193	180	167	155	142	129
15	220	207	194	182	169	156	143
16	235	222	209	200	184	171	158
17	249	236	224	211	198	185	173
18	164	251	239	226	213	200	187
19	278	266	253	240	227	214	202
20	293	281	268	255	242	229	217
21	307	295	282	269	256	244	231
22	323	310	297	284	271	259	246
23	337	324	311	298	285	273	260
24	352	339	326	313	301	288	275
25	366	353	340	327	315	302	289
26	381	368	355	343	330	317	304
27	395	382	369	357	344	331	318
28	410	397	385	372	359	346	333
29	424	411	398	386	373	360	347
30	439	427	414	401	388	375	363