

Figure 1: Recruitment Flow Chart of hyperemesis gravidarum patients into study

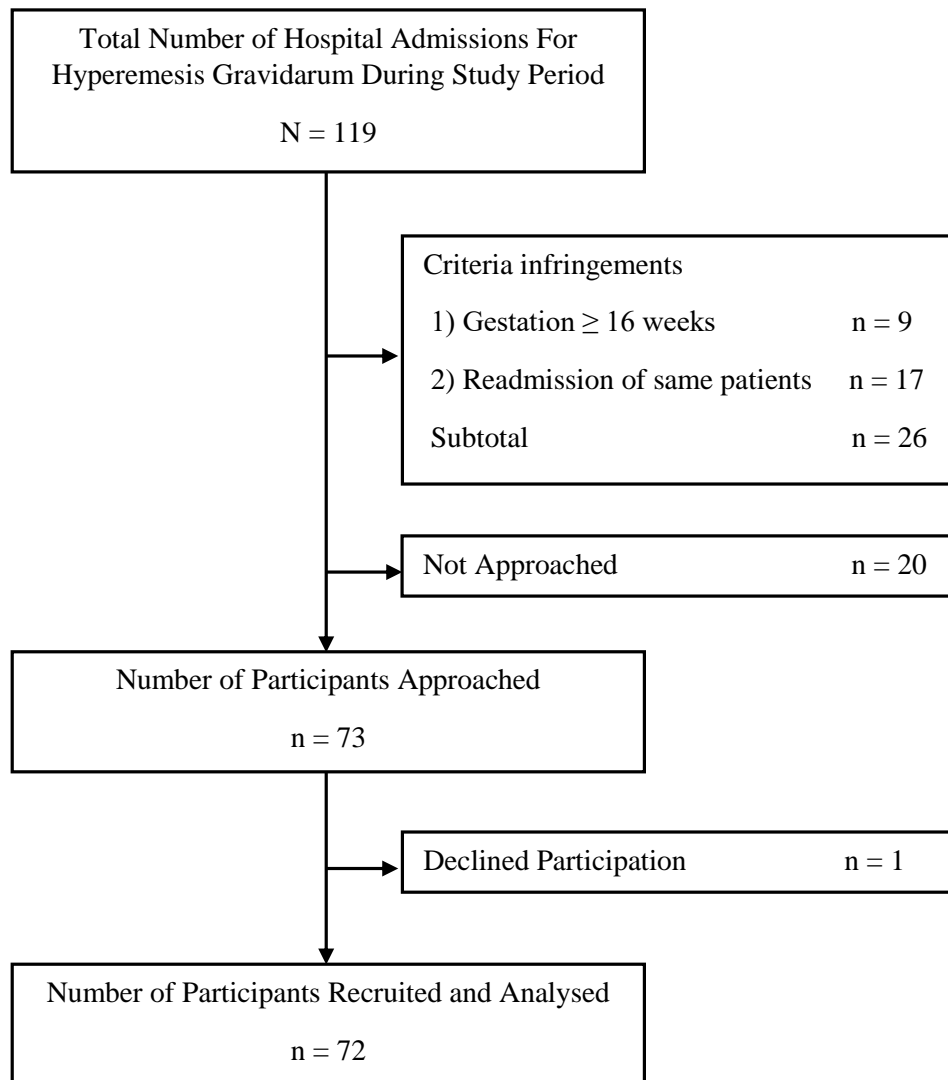


Table 1: Demographic Characteristics of Trial Participants

Characteristics of Trial Participants		Mean / SD
Number of Fetus		
Singleton	70 (97%)	
Multiple Pregnancy	2 (3%)	
Marital Status		
Single	1 (1%)	
Married	71 (99%)	
Education Level		
Up to Secondary	13 (18%)	
Diploma	36 (50%)	
Degree and above	23 (32%)	
Occupation		
Housewife	9 (13%)	
Paid	62 (86%)	
Unpaid	1 (1%)	
Age		29.01 (4.45)
Below 25	20 (28%)	
26 - 30	24 (33%)	
31 - 35	22 (31%)	
Above 35	6 (8%)	
Gestational Age (Weeks)		9.76 (2.29)
Below 9	30 (42%)	
9 - 12	31 (43%)	
Above 12	11 (15%)	
Ethnicity		
Malay	56 (78%)	
Chinese	5 (7%)	
Indian	9 (12%)	
Others	2 (3%)	
Body Mass Index (BMI)		23.27 (4.78)
15 - 19.9	19 (26%)	
20 - 24.9	31 (43%)	
25 - 29.9	12 (17%)	
30 - 34.9	9 (13%)	
Above 35	1 (1%)	
Duration of Nausea and Vomiting (Days)		7.75 (5.88)
Below 6	35 (49%)	
7 - 13	19 (26%)	
Above 13	18 (25%)	
Parity		
Nulliparous	32 (44%)	
Multiparous	40 (56%)	
Antiemetics during Admission		
One antiemetic	69 (96%)	
2 or more antiemetics	3 (4%)	

Other ethnicity¹: 1 Phillipino, 1 Burmese

Antiemetics used²: Metoclopramide, Veloxin[®], Granisetron, Promethazine

Table 2: Outcome of Food Agreeability Score

Food Agreeability Score¹					
	Mean	Standard Deviation	Mean Rank	Chi-square	p-value
Apple	7.19	2.40	160.62	8.1	0.044
Watermelon	6.99	2.71	156.50		
Cracker	6.51	2.64	138.80		
Bread	5.99	2.67	122.08		

Data expressed as mean \pm standard deviation. Analyses by Kruskal-Wallis H Test for comparisons of mean ranks
¹Food Agreeability Score in Visual Numerical Rating Scale from 0 (Do not agree with food tasted) to 10 (Most agreeable to food tasted)

Table 3: Outcome of Nausea Score at baseline, 2 and 10 minutes followed by Outcome of Nausea Score Difference at Baseline to 2 and Baseline to 10 Minutes

Nausea Score at Baseline¹					
	Mean	Standard Deviation	Mean Rank	Chi-square	p-value
Cracker	2.29	2.29	135.23	3.01	0.390
Apple	2.40	2.19	137.86		
Bread	2.68	2.68	148.87		
Watermelon	2.90	2.90	156.04		

Nausea Score at 2 Minutes¹					
	Mean	Standard Deviation	Mean Rank	Chi-square	p-value
Apple	1.97	2.06	131.06	4.34	0.227
Cracker	2.28	2.26	141.21		
Watermelon	2.46	2.21	149.90		
Bread	2.68	2.39	155.83		

Nausea Score at 10 Minutes¹					
	Mean	Standard Deviation	Mean Rank	Chi-square	p-value
Apple	2.00	2.31	128.95	5.69	0.128
Cracker	2.53	2.55	144.63		
Watermelon	2.53	2.48	146.97		
Bread	2.93	2.68	157.45		

Nausea Score Difference (Baseline to 2 Minutes)²					
	Mean	Standard Deviation	Mean Rank	Chi-square	p-value
Watermelon	-0.44	2.14	129.56	7.13	0.068
Apple	-0.43	1.39	134.54		
Cracker	-0.01	1.67	154.83		
Bread	0.00	1.56	159.06		

Nausea Score Difference (Baseline to 10 Minutes)²					
	Mean	Standard Deviation	Mean Rank	Chi-square	p-value
Watermelon	-0.38	2.50	128.33	9.01	0.029
Apple	-0.40	1.94	132.00		
Bread	0.25	2.27	157.65		
Cracker	0.24	2.08	160.02		

Data expressed as mean ± standard deviation. Analyses by Kruskal-Wallis H Test for comparisons of mean ranks

¹Nausea score in Visual Numerical Rating Scale from 0 (no nausea) to 10 (worse possible nausea)

²Nausea score in Visual Numerical Rating Scale from 0 (no nausea) to 10 (worse possible nausea), difference taken between the timing interval

Table 4: Participants Adverse Response to Food Items Tasted

Participants Response to Food Item Tasted ¹ (n=72)			
	Yes ²	No ³	p-value ⁴
Apple	3 (4%)	69 (96%)	0.107
Watermelon	7 (10%)	65 (90%)	
Cracker	8 (11%)	64 (89%)	
Bread	12 (17%)	60 (83%)	

¹Participants response in the 10 minutes study period after tasting the food item

²Response: Gagging, heaving, vomiting

³No response

⁴Analysis by Chi Square Test