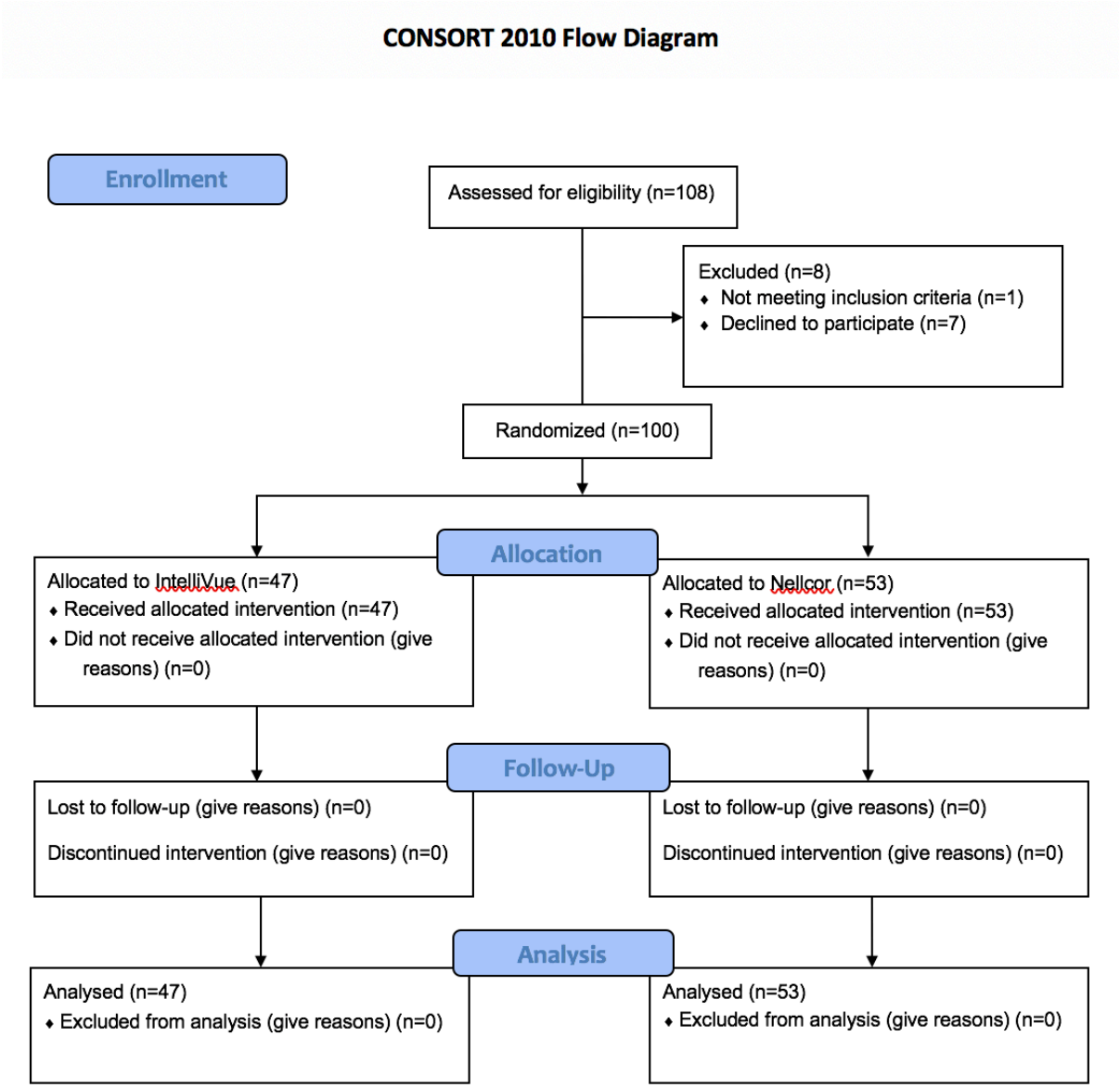
1. Participant flow:



2. Baseline characteristics:

Table 1. Patient characteristics at study entry.

	IntelliVue n=47	Nellcor n=53	p value
Gestational age (weeks) *	39 (1)	38 (1)	0.07
Birth weight (g) *	3527 (564)	3289 (539)	0.034
Time cord clamped (s) ^	25 (13, 40)	20 (16, 42)	0.191
Time to resuscitaire (s) ^	44 (35, 59)	41 (34, 60)	0.368
Number of people attending *	3 (0)	3 (0)	0.655

*Mean (SD), compared with independent samples t test; ^Median (IQR), compared with independent samples median test

3. Outcome measures:

Time (seconds) to apply monitors for IntelliVue and Nellcor monitors. Median (IQR) values compared with independent samples median test.

	IntelliVue n=47	Nellcor PO n=53	p value
Time to apply ECG leads (s)	10 (7, 13)	N/A	
Time to ECG HR from start of lead application (s)	24 (19, 39)	N/A	
Time to apply PO sensor (s)	15 (12, 19)	14 (12, 16)	0.368
Time to PO HR from start of sensor application (s)	35 (30, 59)	48 (36, 69)	0.004
Time to first display of HR by monitor (ECG HR IntelliVue; PO HR Nellcor) (s)	24 (19, 39)	48 (36, 69)	<0.001
Total time to display HR and SpO_2 (s)	52 (47, 76)	48 (36, 69)	0.507
Time to first display of HR by monitor from arrival to resuscitaire (ECG HR IntelliVue, PO HR Nellcor) (s)	38 (29, 55)	61 (47, 87)	<0.001

We did not observe either of our pre-specified secondary outcomes, failure of monitoring within 5 minutes or skin damage from lead / sensor placement, in any participant.

4. Adverse events:

There were no adverse events associated with this trial.