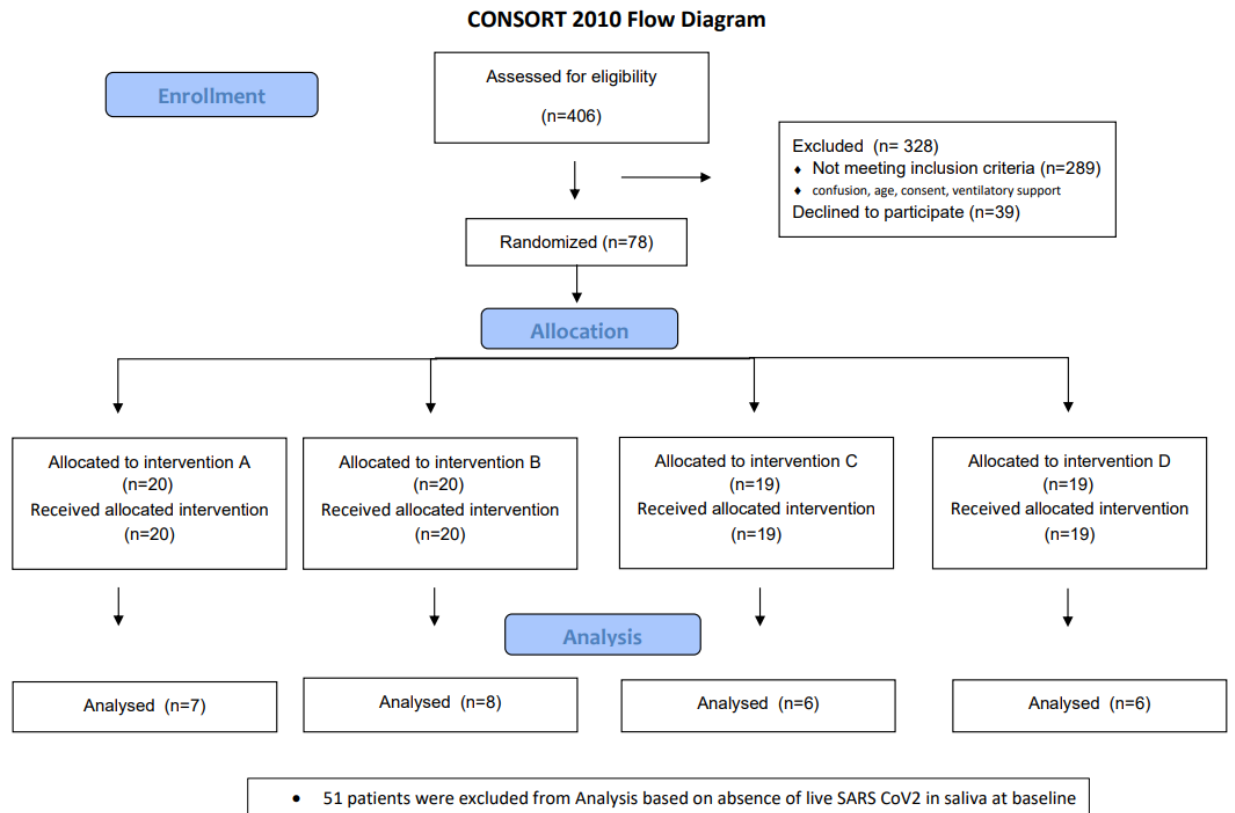


Basic Results Summary

ISRCTN25647404: Measurement of mouthwash anti-viral activity against COVID-19 (MOMA)

Participant Flow:



Baseline Characteristics:

There is no demographic data available because age and gender were not recorded. All patients were hospitalised COVID patients aged ≥ 18 years, with positive SARS-CoV-2 carriage by RT-PCR. No patients receiving ventilation; or in whom clinical ventilation was planned within the next 6 hours were included in the study

Outcome Measures:

SARS CoV2 Viral load (PFU/mL) in unstimulated saliva in hospitalised COVID patients; measured at 1, 15, 30 and 60 minutes post-treatment with mouthwash samples). Sample collection was stopped after 6 months due to falling patient numbers.

Table 1. Log2 fold changes of PFU/mL of SARS CoV2 in patient saliva comparing time 0 (baseline) to 1, 15, 30 & 60 minutes

		Log2 Fold-change					
		N	Mean	Std. Deviation	Median	Minimum	Maximum
1 min	Normasol®	6	-4.12	3.93	-3.94	-10.34	1.21
	SCD Ultra	7	-8.29	6.23	-8.97	-14.61	3.48
	Dentyl DA	7	-14.06	3.03	-14.29	-18.07	-10.29
	Videne	6	-7.25	8.25	-5.119	-22.74	2
15 min	Normasol®	6	-3.39	4.04	-2.67	-10.34	0.62
	SCD Ultra	7	-4.21	7.89	-4.91	-14.61	9.97
	Dentyl DA	8	-10.47	6.56	-10.99	-18.07	1.17
	Videne	6	-4.08	5.88	-2.98	-14.77	1.58
30 min	Normasol®	6	-2.84	5.21	-3.62	-10.34	4.6
	SCD Ultra	7	-1.6	7.74	-2.94	-14.61	9.97
	Dentyl DA	8	-8.02	5.37	-8.76	-18.07	-2.32
	Videne	6	-3.37	6.24	-1.66	-13.64	2.74
60 min	Normasol®	6	-5.82	2.87	-5.44	-10.34	-1.74
	SCD Ultra	7	-6.21	7.53	-5.06	-14.61	5.64
	Dentyl DA	8	-8.26	6.06	-9.05	-18.07	0
	Videne	6	-3.18	6.49	-1.37	-15.1	2.32

*Zero counts were replaced with a value of 4; the lower limit of detection of the assay being 5 pfu/mL

Table 2. Changes in PFU/mL of SARS CoV2 in patient saliva from time 0 to 1, 15, 30 and 60 minutes summarised by geometric mean ratios.

	Geometric mean ratio	95% confidence limits		t ratio	p value
		Lower	upper		
Change to 1 minute					
Normasol®	0.0576	0.00331	1.004	-2.567	0.0502
SCD Ultra	0.00320	0.000059	0.174	-3.520	0.013
Dentyl DA	0.000059	0.000008	0.000409	-12.283	<0.001
Videne	0.00655	0.000016	2.648	-2.153	0.084
Change to 15 minutes					
Normasol®	0.0954	0.00508	1.79	-2.058	0.095
SCD Ultra	0.0541	0.000345	8.48	-1.412	0.208
Dentyl DA	0.000707	0.000016	0.0317	-4.510	0.003
Videne	0.0592	0.000820	4.27	-1.699	0.150
Change to 30 minutes					
Normasol®	0.141	0.00318	6.187	-1.334	0.240
SCD Ultra	0.331	0.00233	47.1	-0.546	0.605
Dentyl DA	0.00386	0.000172	0.086	-4.226	0.004
Videne	0.0970	0.00103	9.10	-1.321	0.244
Change to 60 minutes					
Normasol®	0.0177	0.00219	0.143	-4.964	0.004
SCD Ultra	0.0135	0.000108	1.69	-2.181	0.072
Dentyl DA	0.00327	0.000098	0.110	-3.854	0.006
Videne	0.110	0.000982	12.3	-1.202	0.283

Adverse Events:

There were no adverse events associated with this trial.