

Table 2 Description of oral rehydration solutions used in the included studies

Study	Solutions	Sodium	Potassium	Chloride	Sugar	Bicarbonate	Citrate	Osmolarity – reported	Osmolarity - calculated	Notes
Atherly-John 2002	one solution									commercially prepared oral maintenance electrolyte solution – no further details available
De Pumarejo 1990	one solution	75 mEq/L	20 mEq/L	65 mEq/L	glucose 139 mmol/L*	-	30 mEq/L	305 mmol/L	329 mOsmol/L	Rehydralyte (Ross Lab)
El Mougi 1983	standard ORS	90 mM	20 mM	80 mM	glucose 111 mM	-	10 mM	311 mOsmol/L	-	
	diluted ORS	60 mM	13 mM	53 mM	glucose 75 mM	-	6.6 mM	210 mOsmol/L	207.6 mOsmol/L	
Gonzalez 1988	one solution	90 mmol/L	20 mmol/L	80 mmol/L	glucose 111 mmol/L	30 mmol/L	-	-	331 mOsmol/L	WHO solution
Gremse 1995	one solution	75 mmol/L	20 mmol/L	65 mmol/L	glucose 139 mmol/L*	-	10 mmol/L	-	309 mOsmol/L	
Issenman 1993	rehydration	75 mEq/L	20 mEq/L	65 mEq/L	dextrose 139 mmol/L*		30 mEq/L	305 mOsmol/L	329 mOsmol/L	
	maintenance	45 mEq/L	20 mEq/L	35 mEq/L	dextrose 139 mmol/L*		30 mEq/L	250 mOsmol/L	269 mOsmol/L	
Listernick 1986	one solution	60 mEq/L	20 mEq/L	50 mEq/L	glucose 111 mmol/L and fructose 28 mmol/L	-	30 mEq/L	-	299 mOsmol/L	
Mackenzie 1991	one solution	50 mmol/L	20 mmol/L	40 mmol/L	glucose 111 mmol/L (2% glucose)		10 mmol/L	-	231 mOsmol/L	
Nager 2002 [†]	one solution	45 mEq/L	20 mEq/L	35 mEq/L	glucose 139 mmol/L		30 mEq/L	390 mmol/L	-	Pedialyte
Santosham 1982	group A	90 mmol/L	20 mmol/L	80 mmol/L	glucose 111 mmol/L	30 mmol/L	-	333 mOsmol/L	331 mOsmol/L	
	group B	50 mmol/L	20 mmol/L	40 mmol/L	glucose 111 mmol/L	30 mmol/L	-	251 mOsmol/L	-	
Sharifi 1985	rehydration	80 mmol/L	20 mmol/L	65 mmol/L	dextrose 70 mmol/L	35 mmol/L		270 mOsmol/L	-	
	maintenance	40 mmol/L	30 mmol/L	45 mmol/L	dextrose 130 mmol/L	25 mmol/L		270 mOsmol/L	-	
Singh 1982	one solution	90 mmol/L	20 mmol/L	80 mmol/L	glucose 111 mmol/L	30 mmol/L		333 mOsmol/L	331 mOsmol/L	
Tamer 1985	rehydration	75 mEq/L	30 mEq/L	75 mEq/L	dextrose 111 mmol/L*	30 mEq/L		-	321 mOsmol/L	
	maintenance	50 mEq/L	30 mEq/L	50 mEq/L	dextrose 166 mmol/L*	30 mEq/L		-	326 mOsmol/L	
Vesikari	one solution	60 mmol/L	20 mmol/L	50 mol/L	glucose 144 mmol/L	30 mmol/L	-	-	304 mOsmol/L	

* units converted from those reported in the published paper

[†] components not reported in the paper – taken from another source