

**Table 2:** Absolute resistivity (AbsR) and normalized relative impedance change ( $\Delta Z$ ) values obtained before (A) and after (B and C) surfactant administration.

Neonate	AbsR ( $\Omega$ m)			$\Delta Z$		
	A	B	C	A	B	C
C1	3.17	3.80	3.87	0.60	0.65	0.86
C2	4.00	6.00	6.00	0.42	0.99	0.92
C3	4.16	4.10	4.70	1.06	1.31	1.40
C4	4.12	4.00	3.50	1.05	1.22	1.16
C5	3.03	3.00	3.23	0.88	1.22	1.15
C6	2.93	3.00	3.20	1.16	1.24	1.15
C7	1.70	2.60	3.20	1.08	1.05	1.11
C8	2.63	2.77	2.87	0.17	1.00	0.95
C9	3.80	4.80	4.98	0.35	0.57	0.75
C10	2.64	3.84	3.93	0.88	1.07	1.13
C11	2.98	3.32	2.78	0.64	0.97	1.3
C12	3.03	3.28	3.84	0.73	1.07	1.25
C13	2.50	2.82	2.88	0.64	1.03	1.05
C14	3.40	4.60	4.60	0.98	1.35	1.38
C15	5.40	6.00	6.24	0.89	1.17	1.09
C16	5.55	5.70	8.22	0.24	0.24	0.88
C17	2.26	2.30	2.80	1.03	1.25	1.20

A: before surfactant administration, B: 15 min after surfactant administration, C: 30 min after surfactant administration.