

Supplementary Materials: The following are available online at www.mdpi.com/xxx/s1, Table S1: Ion conductivity mean results of different poultices (C: cellulose, S: sepiolite, SP: sepiolite and plastic film); contact times (10: 10 min, 24: 24 h, 144: 144 h); applications (1, 2, 3, 4, 5, 6, 7, 8, 9) and standard deviation.

Traditional treatments	Ion conductivity mean ($\mu\text{S/cm}$)	Standard Deviation ($\mu\text{S/cm}$)
C10 - 1	515,67	215,93
C10 - 2	465,33	26,73
C10 - 3	319,67	31,90
C10 - 4	291,67	118,74
C10 - 5	449,67	166,77
C10 - 6	361,67	71,65
C10 - 7	336,00	66,30
C10 - 8	343,67	115,63
C10 - 9	352,33	71,81
C24 - 1	609,00	40,60
C24 - 2	491,00	97,53
C24 - 3	126,33	9,87
C10 + S24 - 1	949,67	101,26
C10 + S24 - 2	835,00	158,82
C10 + S24 - 3	749,67	440,97
CS24 - 1	642,33	130,18
CS24 - 2	275,00	19,08
CS24 - 3	225,67	99,05
S24 - 1	770,67	134,54
S24 - 2	560,67	193,58
S24 - 3	785,00	180,14
SP144	798,67	112,35