

Supplementary Table 1: Information on patients, including sex, age, EB subtype and *COL7A1* mutation. In addition wound localization on the body for each intervention phase (calcipotriol and placebo) is given.

Patient Information						1st Intervention			2nd Intervention		
Patient ID	sex	age	EB subtype	COL7A1 mutation		Treatment	Localization		Treatment	Localization	
				DNA	Protein		Wound #1	Wound #2		Wound #1	Wound #2
P01	male	13	severe RDEB	c.6994C>T / c.8053C>T	p.Arg2332X / p.Arg2685X	Placebo	upper thigh, right	upper thigh, left	Calcipotriol	upper thigh, left	upper thigh, right
P03	male	33	severe RDEB	c.8440C>T / c.8440C>T	p.Arg2814X / p.Arg2814X	Calcipotriol	lower arm, right	lower arm, left	Placebo	upper arm, left	lower arm, left
P06	female	24	severe RDEB	c.6081delC / c.6081delC	p.Pro2029LeufsX177 / p.Pro2029LeufsX177	Placebo	shoulder, right	upper arm, left	Calcipotriol	shoulder, left	tibia, right
P08	female	11	severe RDEB	c.4119+1G>C / c.8523del14	splice mutation / Glu2841Aspfs*3	Placebo	armpit, left	thorax lateral, right	Calcipotriol	knee, right	wrist, right
P09	female	31	intermediate RDEB	c.425A>G / c.6022C>T	p.Lys142Arg / p.Arg2008Cys	Calcipotriol	thigh exterior, right	thigh exterior, left	Placebo	axilla, right	mamma, left
P12	female	7	severe RDEB	c.427-2A>G / 4172-4173insC	splice mutation / p.1391fs*10	Calcipotriol	femur interior, right	upper arm, left	Placebo	malleolus lateralis, left	sacroiliac joint, left