J Lasers Med Sci 2026;17:e51174-S1

doi:10.34172/jlms.51174

https://journals.sbmu.ac.ir/jlms

Table S1. Demographic data of six study participants with recessive dystrophic epidermolysis bullosa (RDEB).

No	Age (Y)/ Sex	Ethnicity	FH	Pseudosyndactyly	Gene	Homozygous/ Heterozygous	Phenotype
1	37/F	Persian	Neg	Severe	COL7A1	Homozygous	RDEB sev. gen.
2	32/F	Persian	Neg	Severe	COL7A1	Homozygous	RDEB-Other
3	35/F	Persian	Neg	Moderate	COL7A1	Heterozygous	RDEB sev. gen.
4	10/M	Tabari	Neg	Severe	COL7A1	Heterozygous	RDEB sev. gen.
5	18/M	Tabari	Pos	Severe	-	-	-
6	10/F	Kurd	Pos	Mild/Absent nails	-	-	-

Abbreviations: F, female; FH, family history; gen, generalized; M, male; Neg, negative; No, number; Pos, positive; sev, severe, Y, year

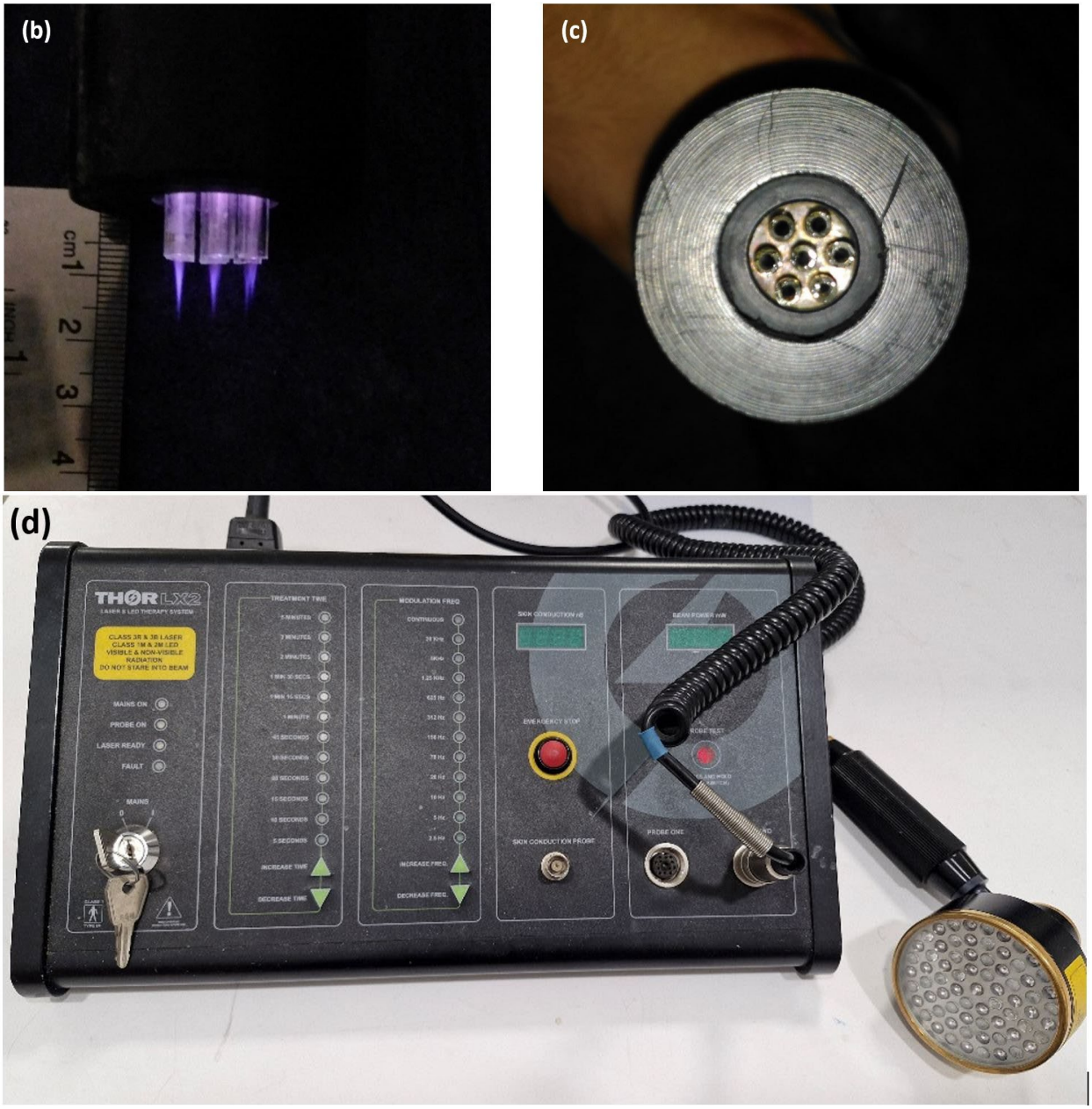


Figure S1. (a) Atmospheric Pressure Plasma Jet (APPJ) setup; **(b)** The flame length in a certain state; **(c)** The placement of the outlet pipes. HV-probe, high-voltage probe (Tektronix P-6016A); Current probe (TCP-202); Oscilloscope (Tektronix TDS-2024B); **(d)** Low-level light device.