

Supplementary Table 4. Phenotypic data for kEDS Patients.

Patient ID	Age	Sex	Beighton score	cEDS	vEDS	hEDS	kEDS	Other features	Vascular/cardiac complications	Family History
				Major criteria Minor criteria	Major criteria Minor criteria	Major criteria Minor criteria	Major criteria Minor criteria			
821	0-9	M	–	C e	–	H	J, K, L bb	pectus carinatum	–	Brother: Kyphosis, GIH, gross motor delay
1396	0-9	M	7	C e, f	–	H u	J w	umbilical hernia cutis laxa talipes valgus	–	Mother, Sister: hEDS

EDS Diagnostic Criteria and Abbreviations as per lists in Supplementary Table 1.