**پانل بیماری های بافت پیوندی**

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| **ردیف** | **نام بیماری** | **تعداد ژن** | **ژن های مورد بررسی**  |
| 1 | Stickler Syndrome | 5 | COL11A1, COL11A2, COL2A1, COL9A1, COL9A2 |
| 2 | Connective Tissue Diseases | 44 | Ehlers-Danlos Syndrome, Marfan Syndrome, Loeys-Dietz Syndrome, Aortic Aneurysm and Differential DiagnosesABCC6, ACTA2, ADAMTS2, ALDH18A1, ATP6V0A2, ATP7A, B3GALT6, B4GALT7, CHST14, COL1A1, COL1A2, COL3A1, COL4A1, COL5A1, COL5A2, DSE, EFEMP2, ELN, FBLN5, FBN1, FBN2, FKBP14, GORAB, LTBP4, MAT2A, MFAP5, MYH11, MYLK, PLOD1, PLOD3, PRDM5, PRKG1, PYCR1, RIN2, SKI, SLC2A10, SLC39A13, SMAD3, TGFB2, TGFB3, TGFBR1, TGFBR2, TNXB, ZNF469 |
| 3 | Complete Panel- Connective Tissue Diseases | 49 | ABCC6, ACTA2, ADAMTS2, ALDH18A1, ATP6V0A2, ATP7A, B3GALT6, B4GALT7, CHST14, COL11A1, COL11A2, COL1A1, COL1A2, COL2A1, COL3A1, COL4A1, COL5A1, COL5A2, COL9A1, COL9A2, DSE, EFEMP2, ELN, FBLN5, FBN1, FBN2, FKBP14, GORAB, LTBP4, MAT2A, MFAP5, MYH11, MYLK, PLOD1, PLOD3, PRDM5, PRKG1, PYCR1, RIN2, SKI, SLC2A10, SLC39A13, SMAD3, TGFB2, TGFB3, TGFBR1, TGFBR2, TNXB, ZNF469 |