|  |  |
| --- | --- |
| **Category** | **Point** |
|  **Cell morphology** |
| **Hyaline cartilage** |  4 |
| **Mostly hyaline cartilage or fibrocartilage** | 3 |
| **Mostly fibrocartilage** | 2 |
| **Mostly non-cartilage** | 1 |
| **Non-cartilage**  | 0 |
| **Matrix-staining (metachromasia)** |
| **Normal** | 3 |
| **Slightly reduced** | 2 |
| **Markedly reduced** | 1 |
| **No metachromatic staining** | 0 |
| **Surface regularitya** |
| **Smooth** | 3 |
| **Moderate** | 2 |
| **Irregular** | 1 |
| **Severely irregular** | 0 |
| **Thickness of cartilage (%)b** |
| **121–150** | 1 |
| **81–120** | 2 |
| **51–80** | 1 |
| **0–50** | 0 |
| **Regenerated subchondral bone** |
| **Good** | 2 |
| **Moderate** | 1 |
| **Poor** | 0 |
| **Integration with adjacent cartilage** |
| **Both edges integrated** | 2 |
| **One edge integrated** | 1 |
| **Neither edge integrated** | 0 |
| **Total maximum** | 16 |

* aTotal smooth area of the reparative cartilage compared with the entire area of the cartilage defect.
* b Average thickness of the reparative cartilage compared with that of the surrounding cartilage.