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| Collagen fibers | Hard |
| Collagen fibers | Rubbery |
| Elastic fibers | Rubbery |
| Collagen fibers | Rubbery |
| Collagen fibers, few elastic | Mostly fibers |
| Collagen fibers, few elastic | Mostly fibers |
| Collagen, elastic and reticular fibers | Gel-like |
| Collagen, elastic and reticular fibers | Gel-like |
| Reticular fibers | Gel-like |
| Collagen are visible when clotting | Fluid |
| Osteocyte | Transport |
| Chondrocyte | Shock Absorption |
| Chondrocyte | Protection and Support |
| Chondrocyte | Insulation, protection and energy storage |
| Fibrocyte | Forms supporting framework |
| Fibrocyte | Cushions and absorbs fluid |
| Fibrocyte | Attachment |
| Adipocyte | Support and reinforcement |
| Blood cells | Attachment |
| Red and white blood cells | Flexibility |
| Inside blood vessels | Ear |
| Abdomen, behind eyes, breast tissue | Knee, intervertebral discs |
| Skeleton | Dermis of skin |
| Spleen, lymph nodes | Widely distributed |
| Tendons, ligaments | Trachea, ends of long bones, fetal skeleton |