

Options for Treatments

Scaffolds - Scaffold materials can be used to correct defects in the tissue and hold in place drugs, growth factors, cells, or other treatments

Growth factors - Growth factors cause the tissue to regrow or can trigger healing of damaged cells that aren't dead. Dosage for growth factors is maximum 12 per eye.

Anti-cancer drugs - Anti-cancer drugs target the cancer cells for removal without affecting normal cells. Dosage for anti-cancer drugs is maximum 6 per eye.

Lens material - The lens is mostly made up of protein and water; lens material can be used to replace a defective lens.

Cornea material - The cornea is a highly organized group of cells and proteins. Cornea material can be used to replace the protein of the cornea but not the cells.

Cells - Cells can be used to replace the cells of the eye that are lost due to disease or injury. Dosage for cells is maximum 2 per eye; multiple types of cells can be used in a single eye.

Antibiotic/anti-fungal drugs - Antibiotic drugs fight bacterial infections and anti-fungal drugs fight fungus. These drugs can be used together. Dosage for antibiotic/anti-fungal drugs is maximum 10 per eye.

Anti-parasite drugs - Anti-parasite drugs fight parasites that might infect the eye through the bloodstream. Dosage for anti-parasite drugs is maximum 10 per eye.

Surgical approaches (shunts) - Surgical approaches, such as shunts to move liquid from one part of the eye to another, can be used to fix physical features of the eye.

