What are accommodative and multifocal intraocular lenses (IOLs)?

- They are artificial lenses that are surgically implanted in the eye, replacing the eye’s natural lens.
- They enable your eye to regain its focusing and refractive ability.
- The cornea is not reshaped.
- They are used to treat nearsightedness (myopia), farsightedness (hyperopia) and the inability to focus at near distance with age (presbyopia).
What is a multifocal IOL?

• A multifocal lens has several rings of different powers built into the lens.
• The part of the lens (ring) you look through will determine if you see clearly at a far, near or intermediate distance (this is sometimes called pseudo-accommodation).
What is an accommodative IOL?

- The accommodative IOL is hinged to work in coordination with the eye muscles.
- The design allows the accommodative lens to move forward as the eye focuses on near objects, and move backward as it focuses on distant objects.

A type of accommodative IOL