



مستشفى الزهراء الجامعي  
قسم: طب وجراحة العين

## خطة البحث العلمي لقسم طب وجراحة العين

المنبثقة عن محاور الخطة الاستراتيجية للبحث العلمي لكلية الطب (بنات)-القاهرة - جامعة الأزهر  
(2026-2021)

### □ محاور خطة البحث العلمي للقسم:

- Effect of Chronic diseases as CVS, stroke, cancer, bronchial asthma, diabetes, kidney injury among all age groups on the eye and management
- Effect of Nutritional disorders; deficiency on the eye and management
- Effects of epidemic, pandemics as COVID-19 on health among all age groups on the eye and management
- Utilization of Ophthalmic diagnostic tool (as OCT, OCTA, ophthalmic U/S,...) in early diagnosis and follow up of different eye disease (as glaucoma, AMD, ROP,...), inherited retinal diseases and in the detection of effects of systemic diseases on the eye.
- Application of different types of ophthalmic laser in management of ocular diseases & management of ocular complications of systemic diseases.
- Application of radiological tools as CT, MRI, US, multidetector CT, EEG and Doppler for early diagnosis and treatment of diseases as ocular ischemic syndrome, CRAO, BRAO.
- Application of genetic /gene therapy for diagnosis and treatment of inherited retinal diseases
- Regenerative Medicine and its application in ophthalmology as stem cell transplantation for corneal and retinal diseases, autologous serum and platelet rich plasma, Amniotic membrane transplantation.