



# *The Hebrew University of Jerusalem*

## *Syllabus*

### *OPHTHALMOLOGY- FIFTH YEAR- FINAL EXAM - 96521*

*Last update 25-12-2024*

*HU Credits: 2*

*Degree/Cycle: 2nd degree (Master)*

*Responsible Department: Medicine*

*Academic year: 0*

*Semester: Yearly*

*Teaching Languages: Hebrew*

*Campus: Ein Karem*

*Course/Module Coordinator: Prof. Shahar Frenkel*

*Coordinator Email: [shahar.frenkel@mail.huji.ac.il](mailto:shahar.frenkel@mail.huji.ac.il)*

*Coordinator Office Hours:*

*Teaching Staff:*

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*Prof. Sahar Frenkel,  
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Dr. Saban Ori,  
Dr. zvi Gur,  
Dr. Samer Khateb,  
Dr. or Shmueli,  
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Dr. Sara Sella,  
Prof. Eyal Banin,  
Prof. Itay Chowders,  
Dr. Gabriel Griefner,  
Dr. Hadas Mechulam,  
Prof. Jaime Levi,  
Prof. Jacob Pe'orer,  
Dr. Karen Hendler,  
Dr. Shay Kehat Ofir,  
Dr. Edward Averbukh,  
Dr. Itai Lavy,  
Dr. David Landau,  
Dr. Tareq Jaouni,  
Dr. Yael Deckel,  
Dr. Itzhak Hemo,  
Dr. Liran Tiosano,  
Dr. Michael Halpert,  
Dr. Milka Matanis,  
Dr. Ran David,  
Dr. Sharon Goldberg,  
Dr. Tamar Veinberg-Levi,  
Dr. Jamal Murad,  
Dr. Ari Shemesh,  
Dr. Khaled Safadi,  
Dr. Ayala Katzir,  
Dr. Ravid Ben- Avi,  
Dr. Ana Voronov,  
Dr. Yaacov Can'any,  
Dr. Tehila Meyerowitz,  
Dr. Maya Eiger-Moscovich,  
Dr. Claudia Yahalom,  
Dr. Jose Kruger,  
Dr. Radgond Amer,  
Dr. azem nur,  
Dr. Nir Erdinest,  
Prof. Abraham Solomon,  
Irit Rozen Knisbacher,*

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Aseel Gebara,  
Ms. Hadas Ben-Eli,  
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Dr. Shoham Kubovsky,  
Prof. Irene Anteby,  
Ms. Diala Abu Halawa,  
Ms. Sharon Schwartz,  
Dr. Reut Parness Yossifon,  
Dr. ortal zaks,  
Dr. noa Gilead,  
Yochai Shoshani,  
Oren Yovel,  
Dr. ziv rotfogel,  
Dr. majd arow,  
Dr. niv Levy,  
Dr. ran Matlov Kormas,  
Dr. Alexandra GOZ,  
Dr. Haia Morori Katz,  
Dr. Yasmin haim,  
Tamir Weinberg,  
Prof. Hana Leiba,  
Dr. ofri Rimoni,  
Dr. Shalhevet Goldfeather Ben Zaken,  
Dr. Arie Marcovich,  
Dr. yoel greenwald,  
Dr. Yanir Sabag,  
Luba Rodov,  
Rabea Kassem,  
Oriel Ratzon,  
Efraim Berco,  
Mor Bareket,  
Tal Paz,  
Shani levy neuman,  
Dr. Mor Schlesinger,  
Ms. Dani Rapport,  
Dr. Adi Porat Rein,  
Dr. Liron Berkovitz,  
Dr. Adi Abulafia,  
Dr. Mordechai Goldberg,  
Dr. Joel Hanhart,  
Dr. Emmanuel Bettach,  
Elishai Assayag,  
Ehud Reich,  
David Zadok,  
Ronen Rabinovitch,

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Itay Magal,  
Elena Drabkin,  
Alesa Andron,  
Koby Brosh,  
Gil Neuman,  
Rony Wiener,  
Elad Ziv On,  
Maria Tsessler,  
Joel Hanhart,  
Ayala Pollack

Course/Module description:

*A course in Ophthalmology, given to fifth year medical students.  
Taught at the three branched campuses.  
clerkship is two weeks long.*

Course/Module aims:

*To teach basic ophthalmology at a level required by every physician and identify situations in which an ophthalmologist should be part of the team for better care of the patient.*

Learning outcomes - On successful completion of this module, students should be able to:

*The learning outcomes for which the students are required will focus on knowing and identifying common disorders and emergency situations in ophthalmology from the point of view of the general practitioner, knowing the differential diagnosis for the complaints of patients suffering from eye problems, knowing when and how to involve the ophthalmologist in patient care and possible treatment methods.*

Attendance requirements(%):

*100, it is possible to miss 1 day with prior approval from the course coordinator*

*Teaching arrangement and method of instruction: Online preliminary lectures, PBLs and case discussions, accompanying doctors in clinics, operating rooms and active participation in the eye examination room including first contact, admissions, and examination of patients*

Course/Module Content:

*Anatomy of the eye  
Ocular trauma*

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*Acute vision loss*  
*Transient visual field disturbances*  
*ophthalmic tumors*  
*Pathological conditions in pediatric ophthalmology*  
*Chronic systemic diseases (their effect and ocular manifestations)*  
*The red eye*  
*The aging eye*

*Required Reading:*

*Preliminary online lectures for clinical sessions (links on the model website)*  
*Article PEARLS IN OPHTHALMOLOGY FOR THE ER NURSE*

*Additional Reading Material:*

*For those interested, there is more comprehensive teaching material on the moodle website, online presentations that expand on the obligatory material presented in the course*

*Grading Scheme:*

*Computerized Exam - At the cluster % 60*  
*Active Participation / Team Assignment 14 %*  
*Submission assignments during the semester: Exercises / Essays / Audits / Reports / Forum / Simulation / others 13 %*  
*Clinical Work / Lab Work / Practical Work / Workshops 13 %*

*Additional information:*

*See detailed info in moodle site.*