

Crash Course Quick Guide.

Conjunctiva | Cornea | Refractive Surgery

ITS TIME TO GET EXAM-READY & DOMINATE PART 2

The KMK Crash Course® [Part 2] is designed to help ensure you are exam ready by taking every concept and focusing on the key areas in one final review session.

This on-demand video course features a variety of conditions, rapid-fire questions, and a format designed to help you move through questions quickly with an added benefit of KMK coaching and concept review.



10+ HOURS

On-Demand video featuring **117 conditions/cases** and new questions.



636 QUESTIONS

Breakdown of questions:
493 Ocular Disease
370 TMOD
143 Optics



166 IMAGES

Integrated into each video and featured along side concepts or conditions.

This supplement outlines some of the conditions in each video to help create a faster experience when reviewing questions. Designed to help alleviate the need to pause, rewind or fast forward.

Download and click play. **Recommendation:** We feel that printing this document off would add a ton to your experience.

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P2 : V1

CRASH COURSE PART 2 | VIDEO 1

KMK CRASH COURSE® PART 2: VIDEO 1

Condition 1: A 70-year-old Caucasian female presents with a complaint of a pigmented lesion on the white part of her left eye over the last month. She thinks the lesion may be getting larger in size. You note the following findings in the image in the left eye on slit lamp examination.

Condition 2: A 40-year-old Caucasian male farmer presents with a complaint of a white spot on his right eye that he noticed 2 months ago. The lesion does not hurt, but he thinks it has grown larger over the last month. You note the following findings in the image in the right eye on slit lamp examination:

Condition 3: A 28-year-old male patient complains of redness, mild mucus discharge, and mild irritation OU for the last 5 days. His symptoms began in the left eye a few days after he developed a cold. His right eye became involved 1 day later. You note the findings in the image in both eyes on slit lamp examination. All other anatomical structures are healthy OU.

Condition 4: A 20-year-old female patient presents 3 days after the onset of significant eye pain, redness, and watering OU. Her symptoms began about one week after developing a runny nose and a cough. She has also noticed small "lumps" in front of her ears that are painful to the touch. BCVA is 20/30 OD, OS due to 1-2+ diffuse SPK OU. You note the following additional findings in the image in both eyes during slit lamp examination.

Condition 5: A mother reports her 3-year-old toddler suddenly developed red, irritated eyes with moderate thick, green discharge 3 days ago. The toddler's eyes are also stuck together in the morning when he wakes up. You note the findings in the image in both eyes on slit lamp examination.

Condition 6: A 19-year-old college student presents with a complaint of severe thick mucus discharge that began overnight, causing her to wake up with her eyelids severely matted together OS. Additional symptoms include tender, swollen eyelids OS and a painful "nodule" in front of both her ears. She has no other systemic symptoms, although her most recent sexual partner recently started noticing discharge on urination. You note severe conjunctival hyperemia and chemosis, along with the findings in the image OS. All other anterior segment structures are normal OU.

KMK CRASH COURSE® PART 2: VIDEO 1

Condition 7: A 25-year-old female patient complains of chronic red, irritated eyes over the last month. She has seen 2 other eye doctors and has been prescribed different eye drops, but nothing has helped to relieve her symptoms. She has also noticed mild vaginal discharge in the last 2 weeks and is concerned this may be related to her recently confirmed pregnancy. You note mild SPK, minimal discharge, and the findings in the image on slit lamp examination OU, as well as preauricular lymphadenopathy. All other ocular structures are healthy OU.

Condition 8: A mother reports her 5-year-old child's eyes have been red and irritated with mild mucus discharge over the last two weeks. She is concerned something may have gotten in his eyes when they were visiting her family in Africa 3 weeks ago. You note preauricular lymphadenopathy, mild superior pannus, and the following findings in the image in both eyes on slit lamp examination.

Condition 9: A 40-year-old male patient complains of itchy and watery eyes that began one week ago at the start of spring, along with a runny, itchy nose. He reports his symptoms occur every year in the spring when the pollen is at its worst. You note the following findings OU on slit lamp examination.

Condition 10: A 21-year-old female complains of severe itching of both eyelids for 3 days. She has also noticed redness, mild irritation, and mild watery discharge OU. She reports blurred vision in both eyes for the last 2 years. Her review of systems is negative except for a history of a chronic itching rash since infancy. BCVA is 20/30 OD, OS. You note periorbital edema and edema of the lower eyelids, as well as mild inferior papillae and the following findings in the image OU on slit lamp examination.

P 2 : V 2

CRASH COURSE PART 2 | VIDEO 2

KMK CRASH COURSE® PART 2: VIDEO 2

Condition 1: An 8-year-old male patient presents with complaints of severe itching, thick mucus discharge, and increased light sensitivity OU. His symptoms began 2 weeks ago when the weather became warmer. His mother reports he has the same symptoms every year during warm weather. Review of systems is negative except for asthma, which is successfully treated with albuterol. You note the findings in Images 1 and 2 OU during slit lamp examination.

Condition 2: A 25-year-old patient presents with complaints of moderate itching and mild mucus discharge that are worse when she removes her Acuvue Oasys® contact lenses. She has also noticed she can only wear her contact lenses for 4 hours now due to her recent symptoms. She often sleeps in her contact lenses and replaces them every month. You see the findings in the image OU on slit lamp examination. All other ocular structures are healthy.

Condition 3: A 52-year-old female patient presents with complaints of moderate irritation and redness that is worse at the “top of the white part of her eyes.” She also feels like she has been blinking more often than normal. You note the findings in Image 1 and mild superior SPK OU on slit lamp examination. Staining with rose bengal results in the findings in Image 2.

Condition 4: A 40-year-old male farmer complains of a white spot on his left eye. He noticed 3 days ago that the white spot became red, and his eye has felt irritated and scratchy since then. You note healthy ocular structures in the right eye and the following finding in the image in the left eye on slit lamp examination.

Condition 5: A 50-year-old male patient recently immigrated from Panama complains of a “white and red triangle spot” on his left eye that has grown over the last 3 years. He used to have excellent distance vision without glasses, but over the last year he has noticed increasing blurred distance vision in the left eye. BCVA is 20/20 OD and 20/50 OS. You note the findings in the image OS on slit lamp examination.

Condition 6: A 62-year-old Caucasian female complains of moderate burning, gritty foreign body sensation, and tearing OU that is worse when she is working on the computer and at the end of the day. She also reports recent symptoms of a dry mouth and mild aching in several small joints, particularly when she wakes up in the morning. You note 1+ interpalpebral SPK OU and the findings below in Images 1 and 2 OU on slit lamp examination. You perform meibography with the results below in Image 3 in both eyes. All other ocular findings are normal OU.

KMK CRASH COURSE® PART 2: VIDEO 2

Condition 7: A 54-year-old male patient complains of chronic mild irritation and dryness that is constant throughout the day OS>OD. He feels like he blinks more than normal and often notices fluctuating blurred vision OS>OD. His ocular history is significant for an episode of herpes simplex dendritic keratitis OS 5 years ago. You note trace interpalpebral SPK OD and the findings in the image OS on slit lamp examination.

Condition 8: A 20-year-old college student complains of severe irritation, tearing, and light sensitivity OU for the past 3 days. Her vision is mildly blurred, but she has not noticed any eye redness OU. She reports having similar symptoms 3 times in the past. The episodes are often separated by 2 months or so. She is very concerned because she has finals in 1 week and she cannot study with her symptoms. You note the findings in the image in both eyes. All other ocular structures are healthy OU.

Condition 9: A 70-year-old female patient complains of significant burning and irritation OD that is worse in the morning and improves slightly throughout the day. Her symptoms began at the same time she developed a painful rash along the right side of her face. She was successfully treated for her rash, but her eye irritation has persisted. You note the findings in the image OD on slit lamp examination. All other ocular structures are healthy OU.

Condition 10: A 60-year-old female complains of chronic mild redness, dryness, irritation, and blurred vision OU that began several months ago. Her symptoms began around the same time she started noticing several blisters in her mouth that never seem to heal. She is not taking any systemic or topical medications and has no significant known medical conditions or allergies. You note the findings in the image in both eyes on slit lamp examination

Condition 11: A 16-year-old female patient complains of significant tearing, light sensitivity, itching, and irritation OU for 1 week. She has also noticed a small white bump on the clear part of her eyes. She has no other medical or ocular history. You note the findings in the images below in both eyes on slit lamp examination.

Condition 12: A 34-year-old female patient complains of mild irritation and light sensitivity that began 2 days ago in both eyes. She has had a few episodes with similar symptoms in the past that have resolved on their own. She has also noticed that she chronically has debris in her eyelashes, but she isn't sure how to safely remove the debris. You note the findings in the image on slit lamp examination in both eyes. There is no staining with sodium fluorescein OU.

P 2 : V 3

CRASH COURSE PART 2 | VIDEO 3

KMK CRASH COURSE® PART 2: VIDEO 3

Condition 1: A 21-year-old male patient complains of significant eye pain, tearing, redness, and photophobia OS since last night. He took out his contact lens in the left eye when he started noticing the pain with the hope that his symptoms would improve, but they have only worsened. He wears Acuvue Oasys spherical contact lenses in both eyes. He continuously wears his contact lenses, including overnight, for 30 days before replacing them. He rarely disinfects his contact lenses. You note the findings in the image OS on slit lamp examination. All ocular structures OD are healthy.

Condition 2: A 14-year-old male presents with severe eye pain, photophobia, tearing, and decreased vision after getting hit in his left eye by a tree branch. You note the findings in the image OS on slit lamp examination. All ocular structures are healthy OD.

Condition 3: A 40-year-old male complains of significant blurred vision and mild redness OD x 3 days. He has no complaints about his left eye. He has no pertinent medical history other than recurrent cold sores. You note the findings in Image 1 OD on slit lamp examination. You also note reduced corneal sensitivity OD. All other ocular findings are healthy OD, and all ocular structures are healthy OS.

Condition 4: A 40-year-old female patient complains of a severe painful rash on her right forehead and eyelid. She has also noticed blurred vision and significant pain and redness OD that developed at the same time as the rash. She has felt lethargic, achy, and feverish off and on for the last month. She has no medical history and no complaints about her left eye. You note the findings in Images 1 and 2 on slit lamp examination OD and decreased corneal sensitivity OD. All ocular structures are healthy OS.

Condition 5: A young mother reports that her 6-year-old child has significant redness and tearing in both eyes for the last 3 days. The mother has also noticed that the clear part of the eyes appears cloudier than normal. The child's medical history is significant for deafness. You also note the child has small widely spaced teeth and a prominent forehead. You observe the findings in the image in both eyes on slit lamp examination.

Condition 6: An 80-year-old male patient presents with complaints of mild pain, irritation, tearing, and blurred vision in the right eye for 4 days. He has no complaints about his left eye. He recently suffered a stroke on the left side of his brain, resulting in paralysis of his right arm. You note the findings in the image OD on slit lamp examination. All ocular structures are healthy OS.

KMK CRASH COURSE® PART 2: VIDEO 3

Condition 7: A 68-year-old female patient presents to your office for an updated glasses prescription and annual health exam. She has no ocular complaints. She was recently diagnosed with ventricular tachycardia and started on amiodarone about 6 months ago. You note the findings in the image in both eyes on slit lamp examination. All other ocular findings are healthy.

Condition 8: A 72-year-old patient with Bell's palsy on the right side presents with complaints of decreased vision and moderate irritation OD for the last several months. He is no longer able to watch TV or read his books, his two primary hobbies. He does not have any complaints about his left eye. You observe the findings in the image OD on slit lamp examination. All ocular structures OS are healthy.

P 2 : V 4

CRASH COURSE PART 2 | VIDEO 4

KMK CRASH COURSE® PART 2: VIDEO 4

Condition 1: A 22-year-old female student complains of significant blurred vision OU for 6 months. She is having difficulty studying and seeing the board during classes because of her vision. You determine a BCVA through manifest refraction of 20/40 OD, 20/30 OS, which pinholes to 20/20 OD and OS. You observe irregular mires on keratometry and the findings in Image 1 and 2 below on slit lamp examination OD and OS. Corneal topography results OD and OS are shown in Images 3 and 4, respectively.

Condition 2: A 35-year-old patient complains of very mild blurred vision and mild irritation in both eyes for the last month. She also remembers having very sharp pain in the left eye immediately after waking up one morning 1 week ago, but the pain improved throughout the course of the day. You observe the findings in the image in both eyes on slit lamp examination.

Condition 3: A 43-year-old patient complains of mildly reduced vision in both eyes that has gradually progressed over the last 4 months. She has no other ocular complaints. You observe the findings in the image in both eyes on slit lamp examination.

Condition 4: A 32-year-old patient complains of moderately reduced vision in both eyes at distance and near over the last 6 months. She has also had several episodes of severe pain after waking up in the morning in both eyes. This pain usually resolves over the course of 1-2 days. You observe the findings in the image in both eyes on slit lamp examination.

Condition 5: A 70-year-old female complains of mild blurred vision in both eyes that is worse when she first wakes up in the morning. Throughout the day, her vision steadily improves. She has no ocular pain or irritation. You observe the findings in the image in both eyes on slit lamp examination.

Condition 6: A 48-year-old male patient complains of mildly blurred vision in both eyes that has been constant for the last month. He does not have any ocular pain or redness. You note BCVA is 20/25 OD and OS. You observe the findings in the image in both eyes on slit lamp examination.

KMK CRASH COURSE® PART 2: VIDEO 4

Condition 7: A 35-year-old male complains of mildly decreased distance and near vision over the past 2 months. He is very concerned because he has always had excellent vision at distance and near without glasses. You note significant ATR astigmatism on manifest refraction that improves BCVA to 20/30 OD, OS with pinhole acuity of 20/20 OD, OS. You observe the findings in the image in both eyes on slit lamp examination.

Condition 8: A 62-year-old female complains of significant dryness, irritation, redness, and burning over the last 4 months. She has been using artificial tears QID with only minimal relief. She tried Restasis® for 2 months but decided to discontinue the medication due to stinging. She recently developed constant blurred vision in both eyes. You observe the findings in the image on slit lamp examination OU.

Condition 9: A 25-year-old patient presents for his one-month post-op visit following LASIK surgery OU. He reports progressively blurred vision in the right eye over the last 2 weeks with no eye pain. He has good vision and no eye pain in the left eye. He stopped all post-op medications after the one-week post-op visit per the surgeon's instructions. You observe the findings in the image on slit lamp examination OD. All ocular structures are healthy OS.

Condition 10: A 25-year-old patient presents 2 days after LASIK surgery OU with complaints of moderate light sensitivity, irritation, sharp pains, and blurred vision OU. He is taking Pred Forte® QID OU as instructed. You observe the findings in the image in both eyes on slit lamp examination.

Condition 11: A 28-year-old male presents with significant eye pain, redness, and tearing in the left eye after working on his car earlier this afternoon. He also has significant blurred vision OS. You observe the findings in the image in the left eye on slit lamp examination. All ocular structures are healthy OD.