Photo quiz 1

For residents beginning 1st year family medicine
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Photos from Dr James Walker and Dr Christine Rivet
What is the most likely diagnosis?

A - Seborrheic keratosis  
B - Actinic keratosis  
C - Basal cell carcinoma  
D - Squamous cell carcinoma  
E - Melanoma

Answer: A - Seborrheic keratosis

What are acceptable treatments? Answer all that apply.

A - Observation  
B - Liquid nitrogen  
C - Shave excision  
D - Elliptical excision  
E - Wide excision

Answers:  
A - Observation  
B - Liquid nitrogen  
C - Shave excision
65-year-old man with a scab in a scar from a previous basal cell carcinoma excision 3 years ago.

What is the most likely diagnosis?

A - Seborrheic keratosis  
B - Actinic keratosis  
C - Basal cell carcinoma  
D - Squamous cell carcinoma  
E - Melanoma  

Answer: C - Basal cell carcinoma

What is the best treatment for this patient?

A - Observation  
B - Liquid nitrogen  
C - Shave excision  
D - Mohs surgery  
E - Elliptical excision  

Answer: D - Mohs surgery
A 42-year-old man is annoyed by a small sore on his cheek present for 2 months that occasionally bleeds.

What is the most likely diagnosis?

A - Seborrheic keratosis
B - Actinic keratosis
C - Basal cell carcinoma
D - Squamous cell carcinoma
E - Melanoma

Answer: C - Basal cell carcinoma

A 22-year-old man's girlfriend noticed this mole on his back. It is asymptomatic.
What is the most likely diagnosis?

A - Seborrheic keratosis
B - Actinic keratosis
C - Basal cell carcinoma
D - Squamous cell carcinoma
E - Melanoma

Answer: E - Melanoma

What is the recommended initial treatment?

A - Observation
B - Liquid nitrogen
C - Shave excision
D - Elliptical excision
E - Wide excision

Answer: D - Elliptical excision

A 47-year-old man with a changing mole on his arm.
What is the recommended initial treatment?

A - Observation  
B - Liquid nitrogen  
C - Shave excision  
D - Elliptical excision  
E - Wide excision

Answer: D - Elliptical excision

A 39-year-old man with a punch biopsy of a mole on his back which showed a 1mm thick melanoma on path report.

What is the BEST management of this patient?

A - Plan a wide excision in your office  
B - Refer to a plastic surgeon for wide excision  
C - Refer for sentinel node biopsy  
D - Refer for a dermatology opinion

Answer: C - Refer for sentinel node biopsy
A 29-year-old woman finds this mole on her abdomen unsightly and would like it removed.

What is the most likely diagnosis?

A - Seborrheic keratosis  
B - Actinic keratosis  
C - Basal cell carcinoma  
D - Squamous cell carcinoma  
E - Melanoma

Answer: E - Melanoma

What treatment do you recommend to her?

A - Observation  
B - Liquid nitrogen  
C - Shave excision  
D - Elliptical excision  
E - Wide excision

Answer: D - Elliptical excision
This 72-year-old man comes in for a BP check and you notice this mole on his cheek. He is unsure if it has changed.

What is the most likely diagnosis?

A - Seborrheic keratosis
B - Actinic keratosis
C - Basal cell carcinoma
D - Squamous cell carcinoma
E - Melanoma

Answer: E - Melanoma

What could you do in your office to make a diagnosis? (Select all that apply)

- Liquid nitrogen of the whole lesion
- Shave biopsy of the whole lesion
- Punch biopsy of the most prominent area
- Refer urgently to a dermatologist

Answers:
- Punch biopsy of the most prominent area
- Refer urgently to a dermatologist
A 7-year-old boy has had this mole since birth and his mother thinks it is bigger but has the same shape as before.

What do you think this is?

A - Seborrheic keratosis
B - Melanoma
C - Benign nevus
D - Actinic keratosis

Answer: C - Benign nevus

What do you recommend?

A - Observation
B - Liquid nitrogen
C - Shave excision
D - Elliptical excision
E - Wide excision

Answer: A - Observation
An 82-year-old woman with an asymptomatic red patch on her lower leg for 6 months; treated with topical steroid for 3 weeks with no response.

What do you think this is?
A - Psoriasis
B - Eczema
C - Basal cell carcinoma
D - Bowen's disease
E - Squamous cell carcinoma

Answer: D - Bowen's disease

A 52-year-old man with a bump on his leg for the past 2 months which has grown noticeably but is asymptomatic.
What is the most likely diagnosis?

A - Seborrheic keratosis
B - Basal cell carcinoma
C - Keratoacanthoma
D - Melanoma
E - Actinic keratosis

Answer: C - Keratoacanthoma

How do you treat this?

A - Observation
B - Liquid nitrogen
C - Shave excision
D - Elliptical excision
E - Wide excision

Answer: D - Elliptical excision

A 37-year-old golfer has noticed this area on his lower lip.

What is this?

A - Solar lentigo
B - Actinic cheilitis
C - Irritant cheilitis
D - Contact dermatitis
E - Seborrheic dermatitis

Answer: B - Actinic cheilitis
What are possible managements? (Select all that apply)

A - Observation
B - Liquid nitrogen
C - Shave biopsy
D - Punch biopsy
E - Imiquimod

Answers:
B - Liquid nitrogen
E - Imiquimod