

Photo quiz 1

For residents beginning 1st year family medicine
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Photo Quiz

54-year-old man with a mole on his chest.



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 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 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