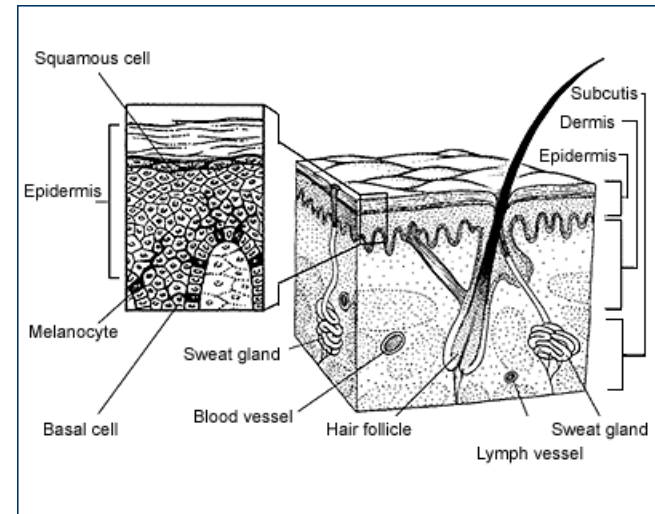


# Eyelid Cancer

Kimberly Cockerham, MD, FACS

# Skin Cancer is on the Rise

- Listen
  - Ask the right questions
- Look
  - For warning signs
- Feel
  - The region of interest



# Skin Cancer is...

As common as all other cancers combined

- **5.4 million** new skin cancers this year\*
  - Basal cell carcinomas (80%)
  - Squamous cell carcinomas (15%)
  - Melanomas (4%)
  - Sebaceous cell carcinoma (1%)
- Approximately 1 in 5 Americans will develop a skin cancer in their lifetime

*\*American Cancer Society Estimate as of 1/2022*

# Classic Risk Factors

- Elderly
- Caucasian
- Light complexion/Blue eyes
  - Actinic damage
- Current/History of Tobacco Use

# Skin Cancer & UV Light

- More than 90% of non-melanoma skin cancer is caused by sun exposure
- Unprotected exposure
  - Outdoors, even in the fog
  - Tanning booths
  - Through car, home, or office windows
- Only 33% of women and 10% of men wear daily sunblock

[www.skincancer.org](http://www.skincancer.org)

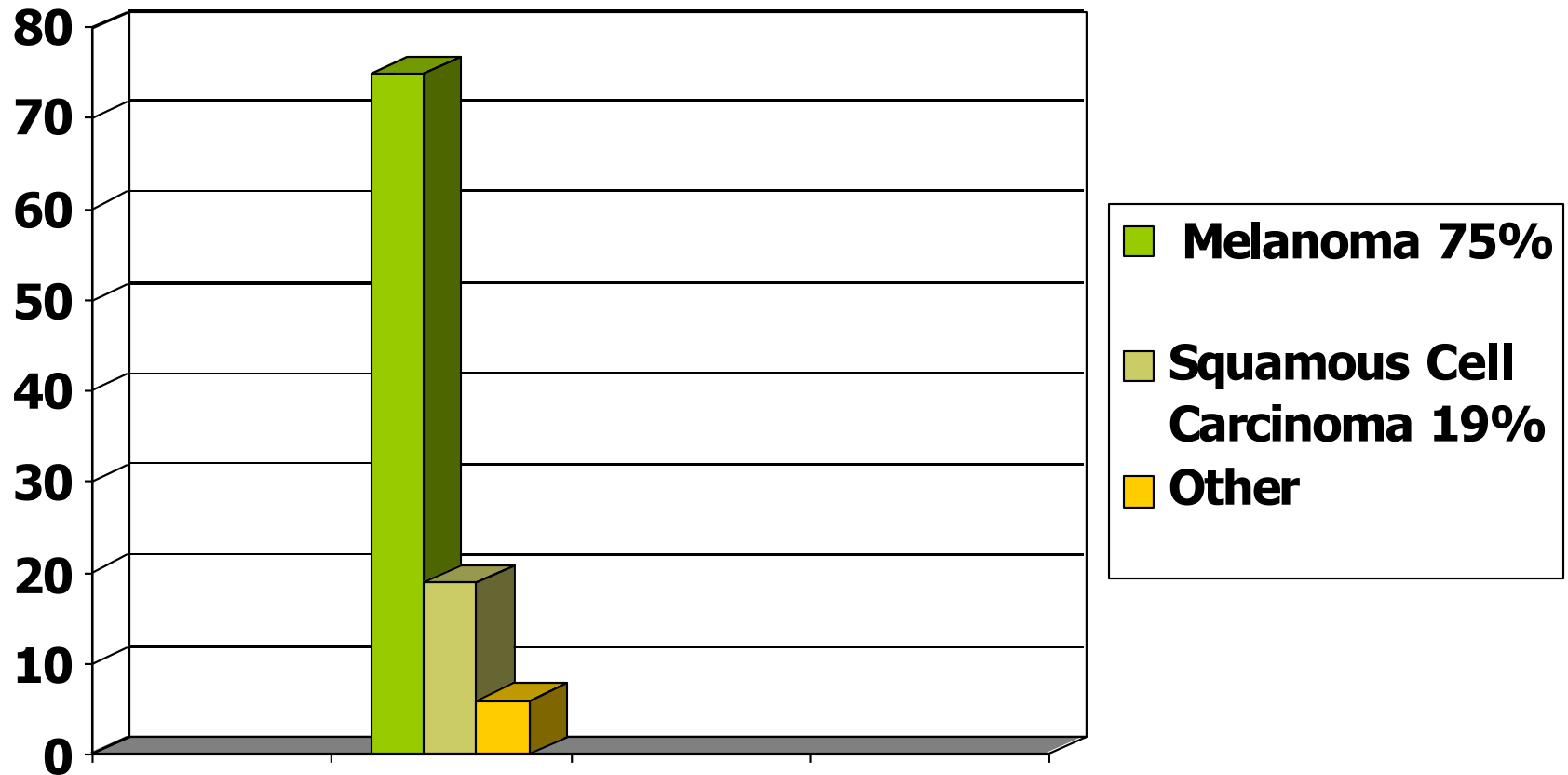
# Skin Cancer Statistics

- Incidence has tripled since 1980
- 1 in 5 Americans will be diagnosed with skin cancer (1 in 3 Caucasians)
- Men > Women 2 : 1
- Early detection is crucial



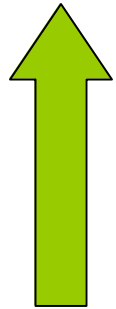
American Cancer Society Data

# Deaths Due to Skin Cancer



# Skin Cancer in Younger Populations

- Dramatic Increase in People < 30:
  - Melanoma has tripled
  - Squamous cell carcinomas have doubled
  - Basal cell carcinomas have doubled



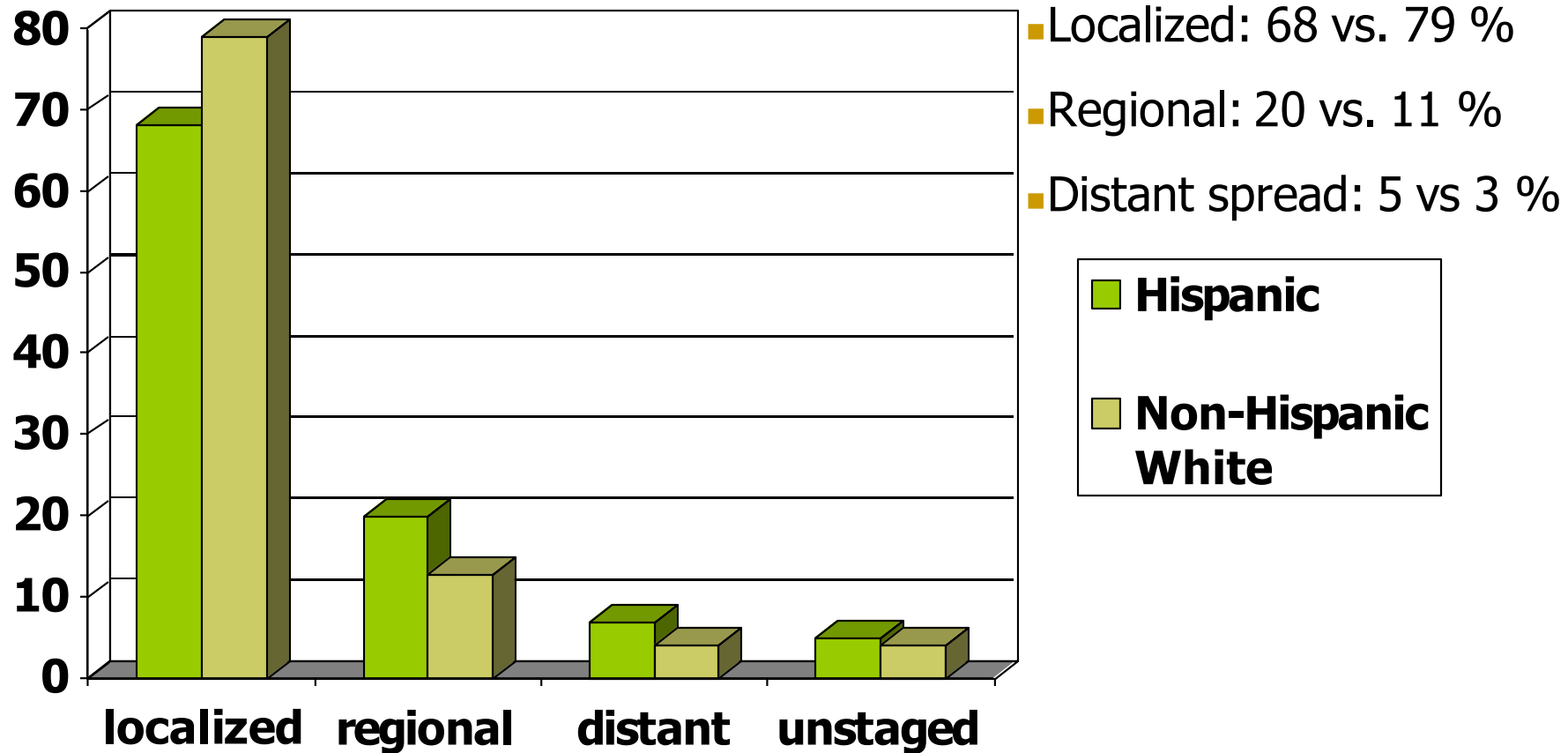


# Watch Out!

## Skin Cancer occurs in non-Caucasians

- Melanoma of the skin
- More likely to be diagnosed later
- **Hispanic: birth to death risk**
  - Male: **1 in 221**
  - Female: **1 in 205**

# Melanoma of the Skin



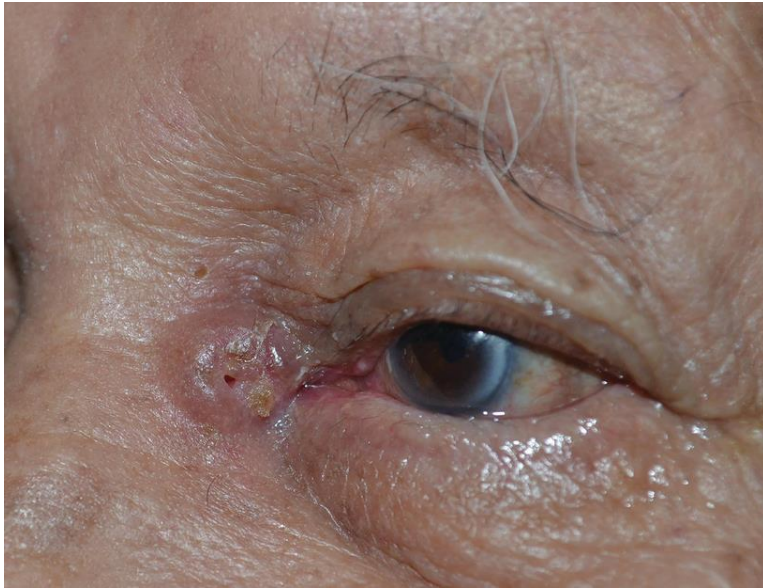
# Other Considerations

- Have you had a prior skin cancer ?
  - **If history of BCCA -> 50% have second lesion at 5 years**
  - **If history of SCCA -> 75% have second lesion at 5 years**
- Think beyond the face:
  - Women: lower legs
  - Men: back

# Other signs

- Intermittent itching ?
- Intermittent scaling or scabbing ?
- Irritation when wearing glasses ?

# Medial Canthal Region is Common!



Beware of the "irritation due to eyeglass fit"!

# American Cancer Association's Warning Signs: A B C D E

## □ **A**symmetry

- Draw a line down the center

## □ **B**order irregularity

- Uneven, scalloped or notched

## □ **C**olor variations

- Brown, tan, black mixed with red, white or blue

## □ **D**iameter

- > Pencil's eraser

## □ **E**volution

- ANYTHING NEW

# American Cancer Association's Warning Signs: A B C D E

## □ Evolution = ANYTHING NEW

- Grows or shrinks (suddenly)
- Irritation, redness
- Scaling
- Crusting, oozing or bleeding
- Tenderness or pain
- Itchy



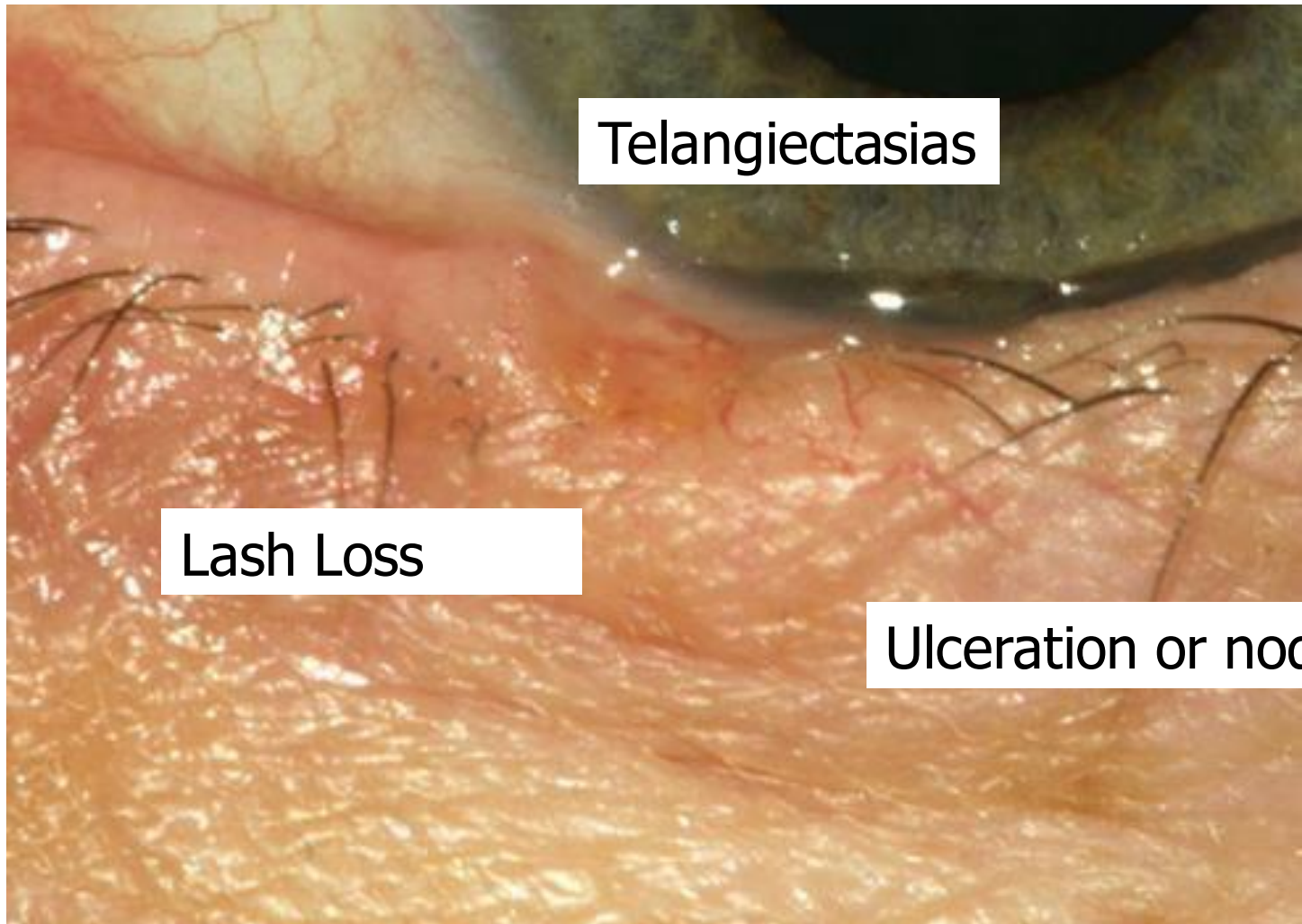
# Cancer:

Doesn't always follow the rules





# Basal Cell Carcinoma



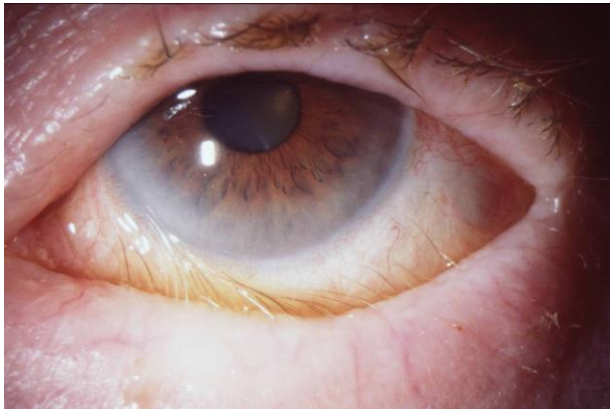
Telangiectasias

Lash Loss

Ulceration or nodule

## Concerning Eyelid Features

- Chronic conjunctivitis
- Eyelid malposition
  - Ectropion
  - Entropion
  - Ptosis



# Sebaceous Cell Carcinoma

## The Worst Offender

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- ❑ Least common
- ❑ 50% misdiagnosed
- ❑ Average age: 72 years old
- ❑ Women: Men = 2:1
- ❑ Ectropion/entropion 10%
- ❑ Caruncle 5%
- ❑ Chronic conjunctivitis, cyst or pannus

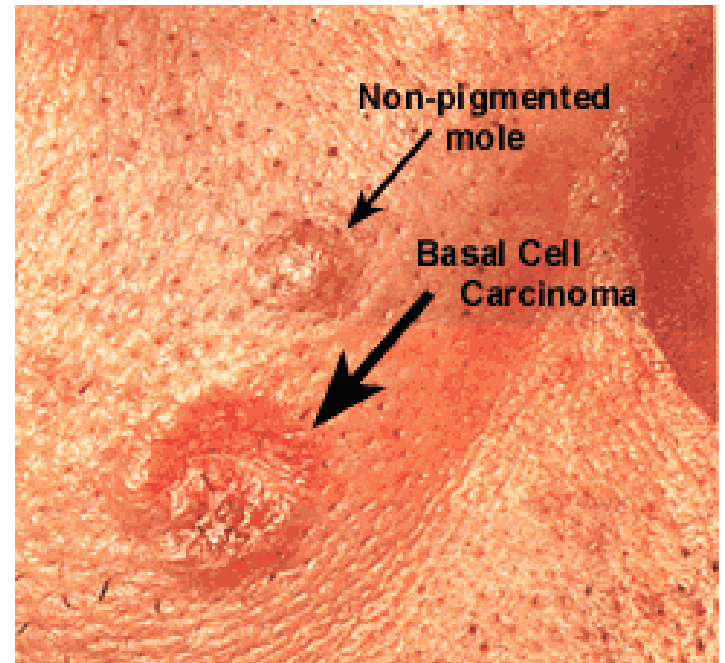
# Palpation is Important

- *Feel the region of interest*
  - **Firm**
  - Irregular
  - Nodular
- *Check for Lymph Nodes*



# Eyelid Lesions

- It is impossible to always guess correctly
- 16% “presumed benign lesions” were carcinomas
- Don't burn, destroy or throw away anything



# Prevention: Sunblock

- Apply on a daily basis
- Multiple applications are necessary (every two hours)
- Protect at all times, even when driving in your car