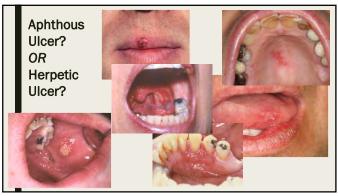


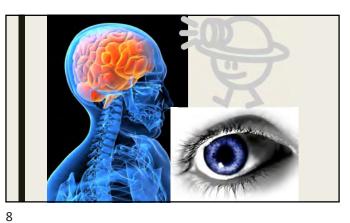
Goals
Recognize the most common oral ulcers, their etiology and their treatment
Understand the local and systemic factors which contribute to oral candidiasis
Develop a differential diagnosis for lichenoid lesions of the oral cavity
Sometimes you must think of the "zebras"
3



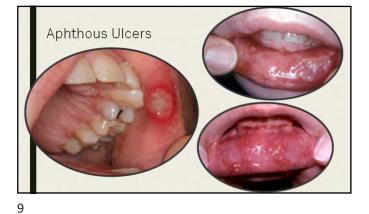




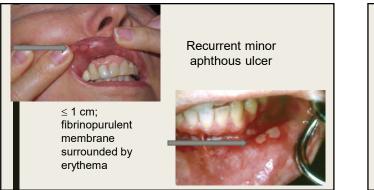


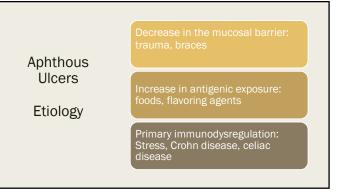






Aphthous Ulcers	Most common in younger patients
	Peak onset of 10 and 29 years
	Genetic component: up to 40% of patient have a family history

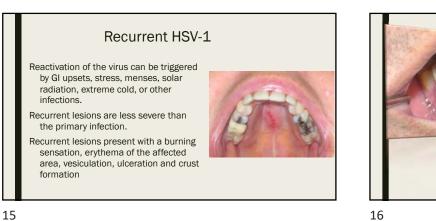




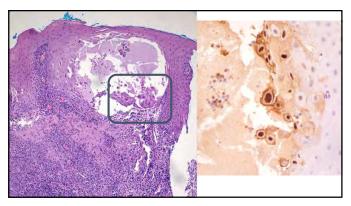


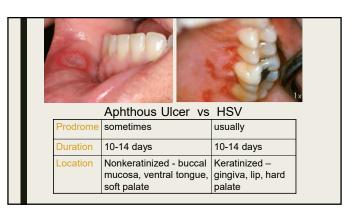










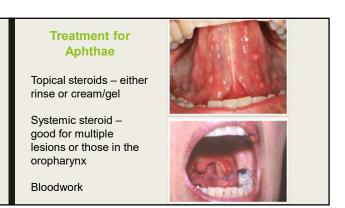


### Treatment for Aphthae

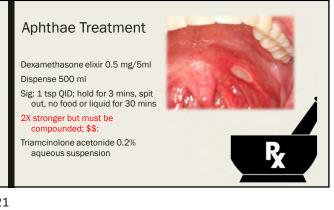
Treatment is primarily aimed at pain relief and promotion of healing

Therapies are principally palliative, and none result in permanent remission



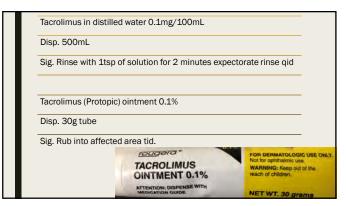


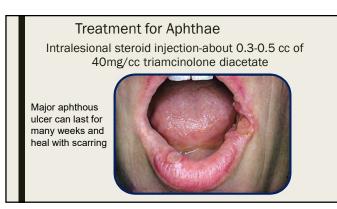
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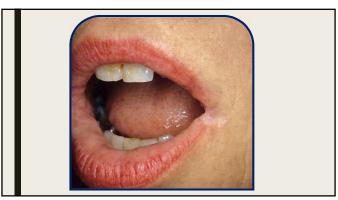


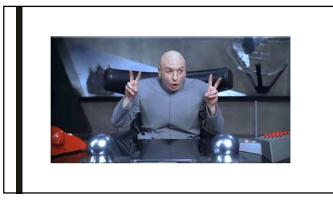
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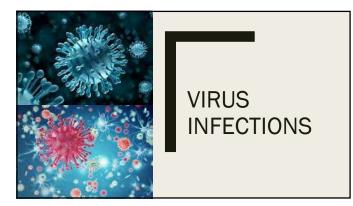




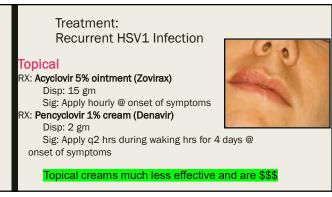


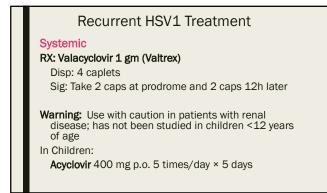












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### Recurrent HSV1 Treatment

#### Systemic

RX: Famciclovir 500 mg (Famvir) Disp: 3 tablets

Sig: 3 tablets at first sign of symptoms

Best taken within 48 hours of symptom onset

32

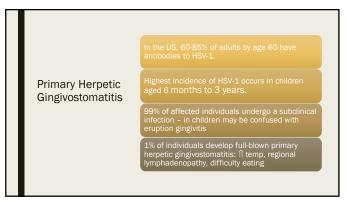


33



34

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### Primary Herpetic Gingivostomatitis



1° lesions are highly infectious including the saliva

- 1° infection lasts up to 2 weeks
- After the initial infection the virus goes into latency

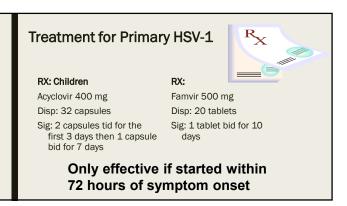




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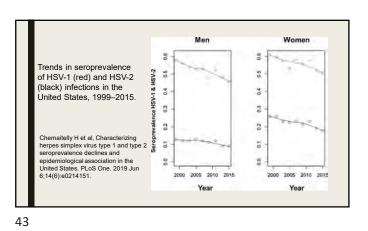
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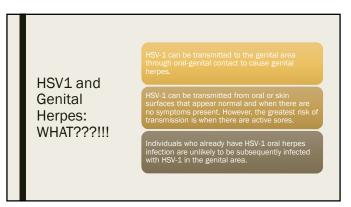


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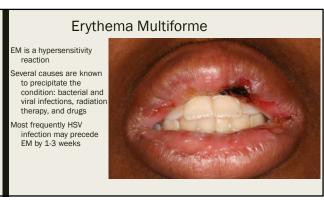


HSV1 and Genital Herpes: WHAT???!!! HSV-1 and HSV-2 seroprevalences show a strong declining trend for at least two decades, for both sexes and for the different ethnicities, possibly reflecting improvements in hygiene and living conditions (for HSV-1), and safer sexual behavior (for HSV-2).















49

#### Herpes Zoster -**AKA Shingles**

Reactivation of the chickenpox About 1 million cases/year in

Active lesions caused by HSV zoster can spread VZV infection to individuals not vaccinated against chickenpox

Prodrome: Headache, photophobia, malaise, fever, abnormal skin sensations and pain Rash: Unilateral, involving 1-3 adjacent dermatomes Thoracic , cervical, ophthalmic involvement most common Initially erythematous, maculopapular Vesicles form over several days,

50

then crust over Full resolution in 2-4 weeks

### Herpes Zoster





#### **Complications of Herpes Zoster** •Postherpetic Neuralgia -Pain ≥ 30 days occurs in 18-30% of

- zoster cases -Mild to excruciating pain after
- resolution of rash
- -Constant, intermittent, or triggered by trivial stimuli
- -May persist weeks, months or
- occasionally years

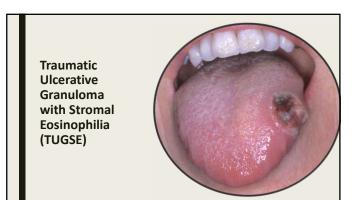


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Shingles vaccination is the only way to protect against shingles and postherpetic neuralgia), the most common complication from shingles. CDC recommends that healthy adults 50 years and older get two doses of the shingles vaccine called Shingrix (recombinant zoster vaccine), separated by 2 to 6 months, to prevent shingles and the complications from

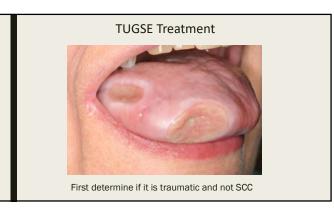


















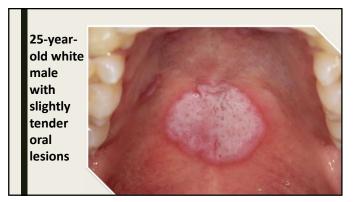












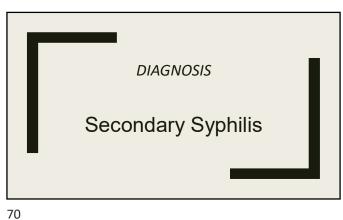


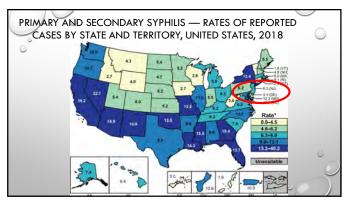


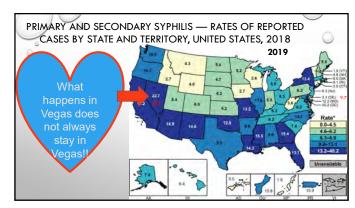


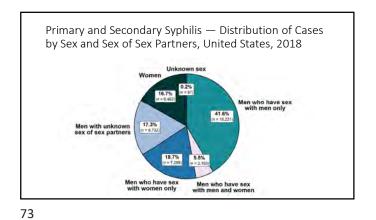


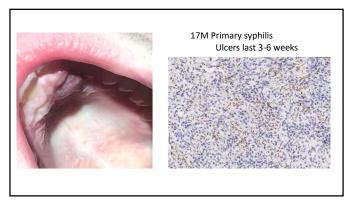




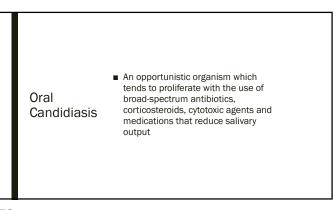






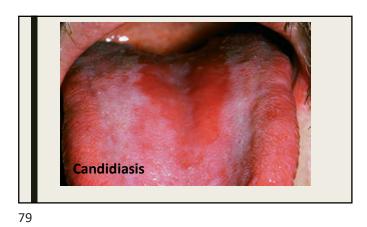








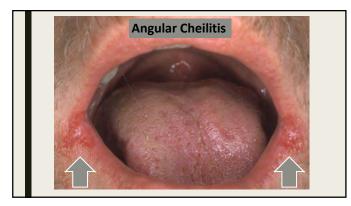


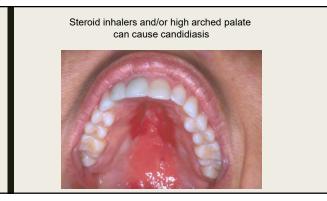




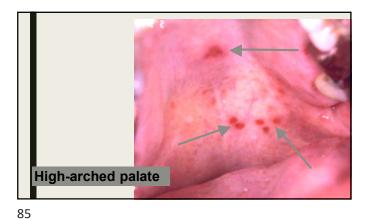




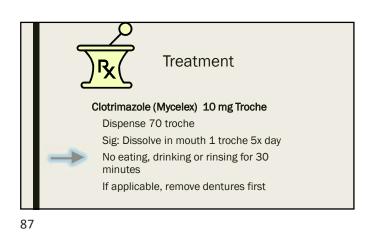


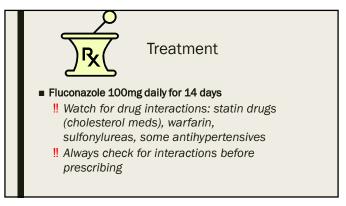


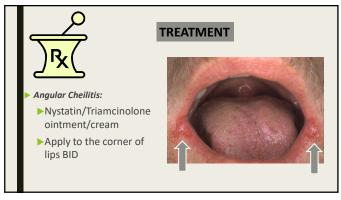




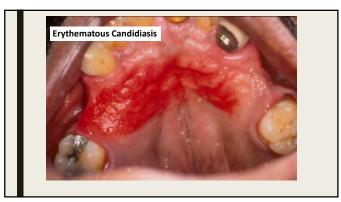


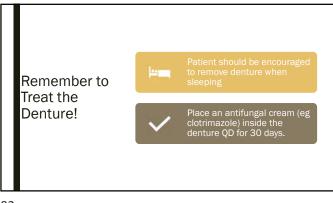






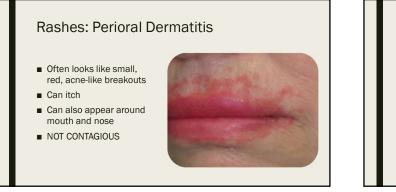


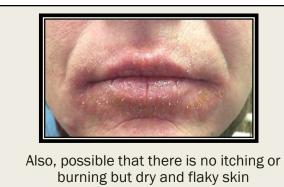


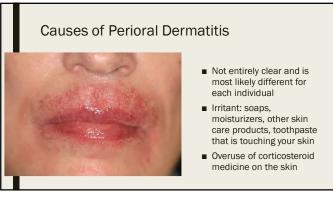




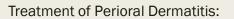








97





- Stop applying corticosteroids
- Antibiotic such as tetracycline or erythromycin
- Change skin care routine



99

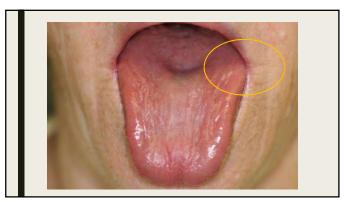


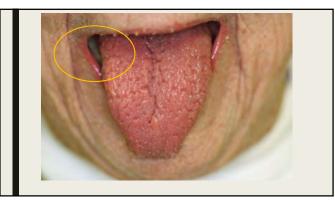
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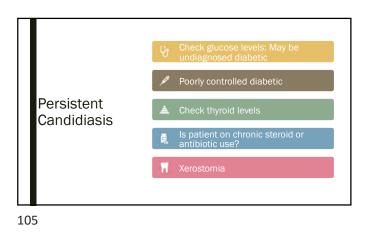


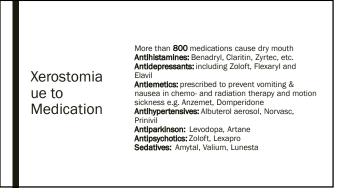
### Persistent Candidiasis

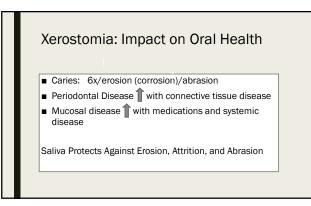
- Can be caused by a variety of etiologies:
- Need blood work to rule out anemia:
  - 1. CBC with differential: low iron in a man or post-menopausal F, need to ask why
  - 2. B12: low B12 is pernicious anemia which increases with age





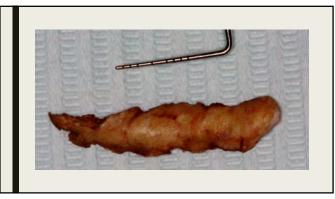










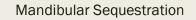


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112



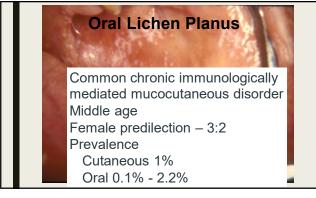
111





 Most often involves the lingual mandible near the mylohyoid ridge

 Spontaneous or related to extractions or dental work.



Lichen Planus Extraoral lesions • Cutaneous lesions: • Purple, pruritic, polygonal papules • Flexor surfaces of extremities • Nails • Glans penis, vulva









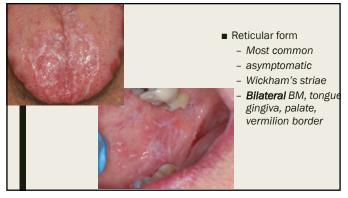


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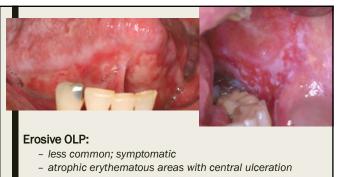






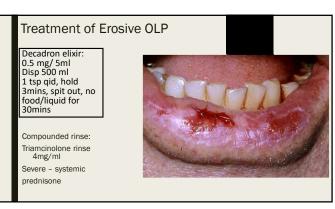




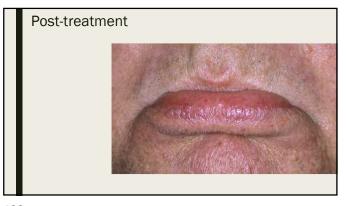


- bordered by fine, white radiating striae

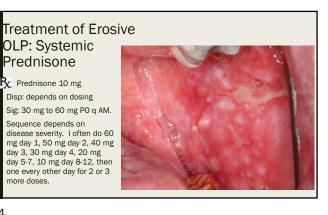
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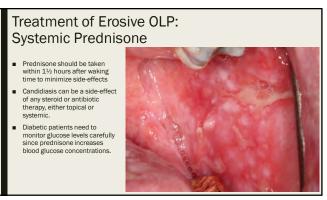


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123



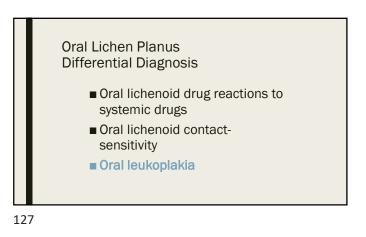






- In addition to the steroid mouthrinse:
- Doxycycline 100mg QD for 90 days then re-evaluate













130



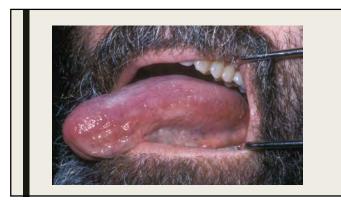


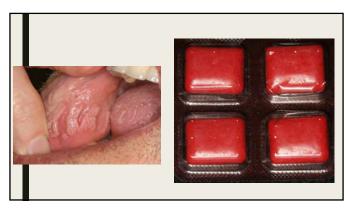
candy, toothpaste, mouthwash, dental floss, soft drinks. Can see thickened white areas as well as red, sore areas.





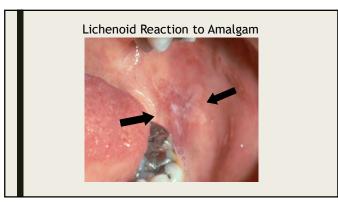
























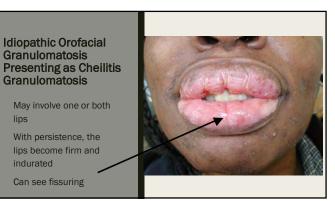


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# Idiopathic Orofacial Granulomatosis

- Term first introduced in 1985
- Replaces the terms Melkersson Rosenthal Syndrome and cheilitis granulomatosis
- Precise etiology is unknown
- Diagnosis is rendered when other local and systemic causes of oral granulomas are ruled out

147



148

lips

indurated







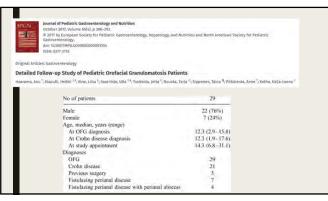
### Crohn Disease

- Can involve any portion of the alimentary tract
- Annual incidence in North American ranges from 3 to 30 cases per 100,000
- Bimodal age of onset with average age of 30 years
- First peak before age of 30 and second but smaller peak around 50 years
- Oral manifestations may precede GI involvement.
- Oral involvement of CD reported in up to 80% of pediatric patients

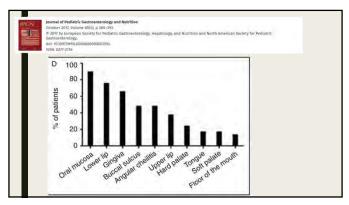
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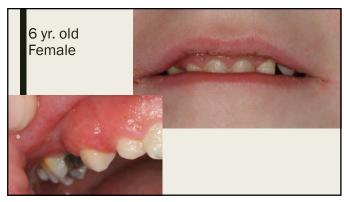


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18 M – noted after first dental checkup after college Gatorade erosion?

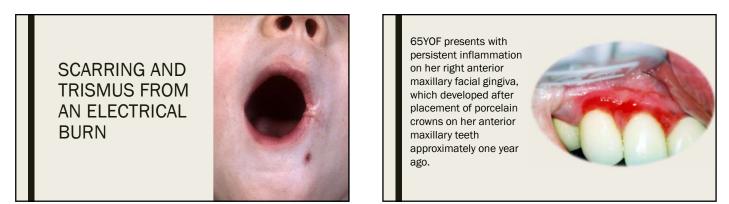


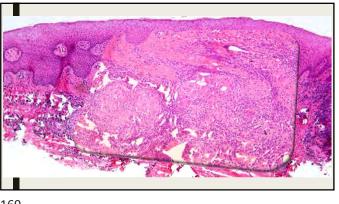




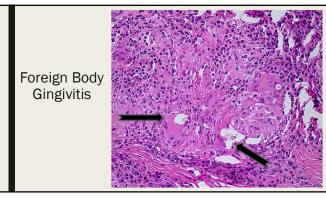


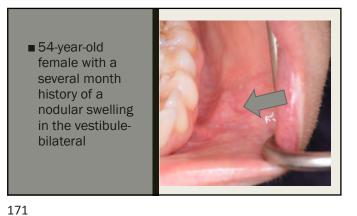


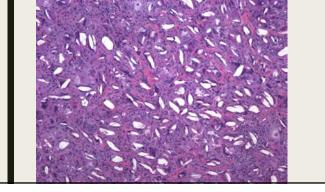




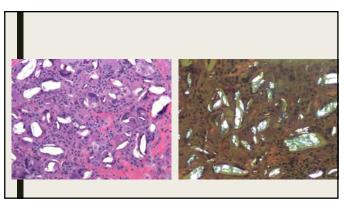






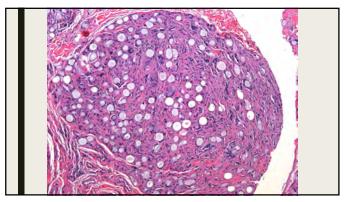


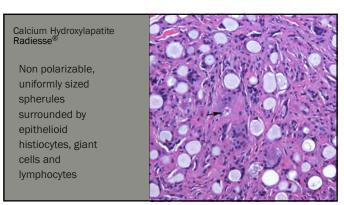
172



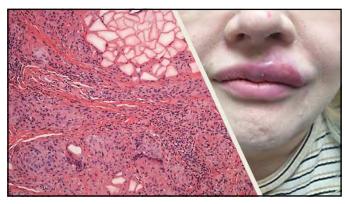
### Diagnosis

- Foreign material giant cell reaction consistent with dermal filler
  - Sculptra®
  - Poly-L-lactic acid, to replace lost collagen
  - Corrects shallow to deep facial wrinkles, and folds





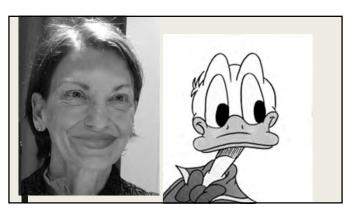






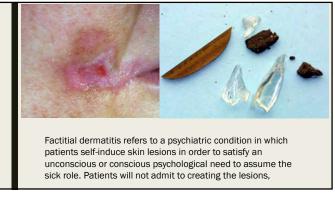


























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