What is the best diagnosis?

A. Blue nevus
B. Mongolian spot
C. Tattoo
D. Desmoplastic melanoma
E. Combined melanocytic nevus
Tattoo arising with a seborrheic keratosis
Pearls

- Tattoo pigment identified by coarse granules both intra-and extra-cellular
- Occasionally other tissue reactions including granulomas, foreign body giant cells
- Rarely epithelial proliferations may be associated—may be coincidental
What is the best diagnosis?

A. Chondrodermatitis nodularis helicis
B. Osteoid osteoma
C. Chondrosarcoma
D. Ossifying fibromyxoid tumor
E. Osteoma cutis
Osteoma Cutis
Pearls

- Mature bone with varying degrees of ossification and calcification
- Histologically benign and usually circumscribed
- May see antecedent lesion such as epidermal cyst or hemangioma
What is the best diagnosis?

A. Chondroid syringoma
B. Eccrine spiradenoma
C. Apocrine cystadenoma
D. Nodular and cystic hidradenoma
E. Accessory breast tissue
Chondroid Syringoma
(Benign cutaneous mixed tumor)
Pearls

- Circumscribed dermal tumor with no epidermal attachment
- Varying solid and cystic components lined by squamous, apocrine, and eccrine epithelial cells
- Chondroid myxoid background of bluish hue
What is the best diagnosis?

A. Demodex
B. Louse
C. Scabies
D. Bott Fly
E. Lobomycosis
Scabies
• Mite is only located in the stratum corneum
• Look for rigid cuticle
• May see scybula (feces)-this is sufficient for diagnosis
• Variable inflammatory response, occasionally a nodular collection of eosinophils
What is the best diagnosis?

A. Nodular hidradenoma
B. Tricholemmoma
C. Pilomatricoma
D. Glomus tumor
E. Eccrine spiradenoma
Eccrine Spiradenoma
Pearls

- Circumscribed dermal nodule, unattached to epidermis
- Small basaloid cells with minimal variation admixed with small lymphocytes
- Hyalinized basement membrane surrounding larger nests