Interesting Case Conference

11/26/2012
HISTORY & PHYSICAL EXAM

• 82 year old Caucasian male with history of ________.

• 1.5 cm superficial, mobile perineal nodule
Diff-Quik: Low Power
Very cellular; predominantly spindle cells
Diff-Quik: Clusters and single cells
Diff-Quik: Gland-like formations
Diff-Quik: Spindled cells with nuclear atypia/pleomorphism
Diff-Quik: Focal marked atypia; nuclear pseudo-inclusion
Differential Diagnosis

• Spindle cell neoplasm, including sarcomas.
• Sarcomatoid carcinoma
• Adenocarcinoma
• Carcinosarcoma
• Melanoma
What was the pertinent history?

• 9/2001 mucosal melanoma of rectum
  ▪ (+) S100  (-) melan-A, HMB-45

• 9/2011 (+) left groin mass

• 12/2011 (+) left groin lymph nodes

• 5/2012 (+) rectum and right groin lymph nodes

• 9/2012 (+) perineal skin
Pap stain
Pap stain
FINAL DIAGNOSIS

• Perineal nodule, FNA:
  - Positive for spindle cell neoplasm, consistent with patient's known history of melanoma.