



Ductal lumina

- **Clinical Information:** 52/M R temple; R temple scalp mass

- **DIAGNOSIS:**

- SKIN, RIGHT TEMPLE, EXCISION: CYLINDROMA, EXCISED.

- **Teaching Points:**

- Sporadic or familial
- Brooke-Spiegler syndrome: multiple Cylindromas, spiradenoma, facial Trichoepithelioma and milia
- *CYLD* gene (tumor suppressor)

- **Minimal Diagnostic Criteria:**

- Unencapsulated dermal tumor
- No epidermal connection
- Tumor lobules arranged in mosaic or jigsaw configuration
- Outer hyaline (PAS+ basement Membrane) surrounds lobules
- Hyaline droplets in the center

- **Differential Diagnosis:**

- Spiradenoma
- Spiradenocylindroma
- Trichoepithelioma
- Trichoblastoma
- Basal cell carcinoma

