Seminoma vs Non-Seminoma

Germ cell tumors of the testis: different markers and treatment

SEM Seminoma

- 30-40 years
- AFP negative (beta-hCG positive in some)
- very radiosensitive
- slow growth
- very good prognosis

NS Non-seminoma

- under 30 years
- AFP positive in most
- less radiosensitive
- metastasizes quickly
- variable prognosis

High AFP
Never a pure seminoma

Seminoma
Radiosensitive, better prognosis

Testicular mass
Markers + inguinal orchiectomy

Beta-hCG can rise in both and LDH reflects tumor mass · inguinal orchiectomy, not a transscrotal biopsy