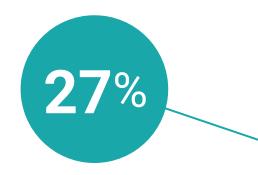
HOW PEOPLE EXPERIENCE ERDHEIM-CHESTER DISEASE (ECD)

ECD predominantly affects adults, and is slightly more common in men than women.

Orbits Orbital masses, exophthalmos



47%

52%

65%

People of all sexes can experience these symptoms of ECD.



Nervous System

Parenchymal or dural mass; Ataxia, dysarthria, cognitive impairment, mood changes

Maxilla & Mandible

Respiratory Cough and shortness of

breath, primarily pleural; pleural-based nodules or interstitial fibrosis

Retroperitoneium Perinephric infiltrates and retroperitoneal fibrosis "hairy kidney," renal insufficiency from ureteral obstruction

Testes/Ovary

Testicular mass (concomitant RDD); hypogonadism



Endocrine

Polyuria, polydipsia (central diabetes insipidus); Hypothalamic or pituitary stalk infiltration

62%

47%

Arterial Periaortic sheathing "coated aorta"



Cardiac Right atrial or atrioventricular pseudotumor



Bones Meta-diaphyseal osteosclerosis; long bone pain



The above diagram shows the percentage of ECD patient who experienced issues associated with each of the listed organs as reported in a 2020 publication. These numbers have been complied using multiple existing studies. The illustration depicts clinical and radiographic features with frequencies and descriptions.



www.erdheim-chester.org