

Episcleritis

- Self-limited inflammation of the episcleral layers (loose connective tissue layers with a vascular plexus between the conjunctiva and the sclera that are contiguous with Tenon's capsule)
- Female Adults more common than Male adults and both more common than in children
- More common in boys than girls
- 50% may have a concurrent eye disease

Associated Conditions

- Collagen Vascular Diseases
 - Rheumatoid Arthritis (most common)
 - Chron's disease
 - Ulcerative colitis
 - Psoriatic arthritis
 - Systemic lupus erythematosus
 - Reactive arthritis (Reiter syndrome)
 - Relapsing polychondritis
 - Ankylosing spondylitis
 - Pustulotic arthro-osteitis
- Vasculitis
 - Polyartitis Nodosa
 - Temporal Arteritis
 - Cogan Syndrome
 - Churg-Strauss Syndrome
 - Granulomatosis with polyangiitis
 - Bechet Disease
- Dermatologic disease
 - Rosacea
 - Pyoderma gangrenosum
 - Sweet syndrome
- Metabolic disease
 - Gout
- Atopic disease
- Malignancies
 - T-cell leukemia
 - Hodgkin lymphoma
- Ocular
 - Foreign bodies
 - Chemical injury
 - Infections
 - Mycobacteria
 - Spirochetes

- Treponema
- Borrelia
- Chlamydia
- Actinomyces
- Fungi
- Virus
 - Herpes Zoster
 - Herpes Simplex
 - Mumps
 - Chikungunya
 - COVID-19
- Protozoa
 - Acanthamoeba
 - Toxoplasma
 - Toxocara
- Medications
 - Topiramate
 - Pamidronate

Work-Up

- Consider if recurrent or other signs consistent with connective tissue disease (joint pain, fevers etc) vascular or dermatologic disease
- Possible testing:
 - Rheumatoid factor (Rheumatoid Arthritis)
 - Antinuclear antibody (collagen vascular disease)
 - Serum uric acid (gout),
 - Erythrocyte sedimentation rate (inflammation, vasculitis),
 - Complete blood count with differential (infection, malignancy)
 - VDRL/FTA-ABS (spirochete infection)
 - Urinalysis
 - PPD or Quantiferon Gold (mycobacteria)
 - Chest x-ray (mycobacteria)
 - HLA-B27 (collagen vascular disease)

From:

<https://www.childreneye.org/wiki/> - **Children's Eye Wiki**

Permanent link:

<https://www.childreneye.org/wiki/doku.php?id=episcleritis>

Last update: **2023/03/08 13:31**

