

Mueller-Weiss Syndrome

- **Adult-onset spontaneous osteonecrosis of the navicular**
- **Painful clinical course**
- **Progressive deformity**
- **Often bilateral presentation**
- **Women > men**
- **Radiographic features**
 - **dorsal protrusion on of navicular**
 - **increased radiodensity**
 - **collapse of lateral portion (comma sign)**



Bilateral comma-shaped navicular



Kohler's Disease

- **Osteochondrosis of navicular in children**
- **Often affects children between 3-7 years of age**
- **Minor signs/symptoms**
- **No clinical pathology**
- **Radiographic features**
 - **Sclerosis of navicular**
 - **Silver dollar sign**
 - **Fragmentation of navicular**
- **Males > females**



Silver Dollar Sign