Bubble Eye Sign

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The approximated sphere shaped vitreous cavity allows the intravitreal gas to keep its bubble configuration. As gas is radiolucent on radiography, intravitreal gas appears as a radiolucency bubble on X-ray and computed tomography, bounded by the scleral[1] shell, outlining the shape of the eyeball. This "**Bubble Eye sign**" differentiates intravitreal gas from small orbital emphysema in orbital fracture, when gas is located outside the globe but confined by the orbit, giving a crescent or concave shape usually flowing upwards over the superior orbit.

References

1. ^*Sunny C. L. Au, Callie K. L. Ko. (2021).The Bubble Eye Sign: Understanding the Radiological Imaging of Gas inside the Orbit. Indian J Radiol Imaging, vol. 31 (02), 451-453. doi:10.1055/s-0041-1734359.*