ONE STAGE HYBRID OPERATION FOR ORBITAL VENOUS MALFORMATION IN ENDOVASCULAR OPERATION ROOM

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Introduction
Many Orbital Venous Malformation used to be a non treatable condition. We have introduced a novel procedure for this condition and we have been invited to presented this in the American Academy of Ophthalmology (AAO)

Objectives
To describe Hybrid Operation for Orbital Venous Malformation in Endovascular Operating Room (EVOR)

Methodology
Interventional case series.

Result
Seven patients with orbital vascular lesions received one-stage direct puncture venogram, image-guided glue injection and surgical resection in the EVOR equipped with biplane digital subtraction angiography machine. Indications of treatment include enlargement mass with disfigurement, pain and visual impairment. Surgical resections were facilitated with reduced bleeding and all patients have uneventful post-operative recovery. The one-stage hybrid approach by interventional radiologists and surgeons in the setting of EVOR appears to be safe and effective for orbital vascular lesions.