ANIZOCORIA DUE TO DATURA PLANT
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Unilateral unresponsive pupil dilatation may be secondary to a wide range of ocular and neurological disorders. Ocular side effects, particularly the pupil dilatation with blurring of vision may be alarming for the potentially lethal conditions of some plant products with local and systemic effects. But it may also be only a topical side effect without any systemic disorder. We report a case of mydriasis related to Datura plant products. The right pupil was dilated and unresponsive to both pupillary light reflex (direct, consensual) and accommodation reflex. There was no accompanying headache, diplopia, or other neurological symptoms. Topical pilocarpine 2% induced normal constriction of the left pupil but had no effect on the right, confirming the pharmacological basis of the right mydriasis. The history talking for the evaluation and this simple topical pilocarpin test provide us against unnecessary expensive neuro-imaging and unnecessary medication and at the time that we get sure of the diagnosis, this test also provide us against squander time in other emergency conditions.