

DACRYOSCINTIGRAPHY



A 35 yo male presented with a 19 year history of intermittent epiphora the R>> L. Today only mild Lt epiphora was noted.No past history of eye injury or infection.

? Rt naso-lacrimal duct obstruction.

After installation of a drop of radioactivity near the lateral canthus bilaterally, a 25 minute dynamic acquisition was performed. Activity spread rapidly across the lower globe of both eyes to localise in the lacrimal sac on both sides. The naso-lacrimal duct was seen on the right by 30 secs and the left by 50 secs. Both ducts filled progressively.



At the end of 25 minutes, both eyelids were gently massaged. Tracer entered the left nasal cavity but did not enter the right (arrows above). This was consistent with right naso-lacrimal duct obstruction.