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Vascularized Iris Mass as Sentinel Manifestation of Syphilis in Patient with HIV Infection, Spain, 2025

Appendix

Appendix Table. Summary of published cases of syphilitic vascularized iris masses, 1915–2025*

Case	Author (year)	Age, y/sex	HIV	Lat.	Iris quadrant/ location	AC Cell / KP	CE / PS	Nodule type	UBM	AS-OCT	Initial VA; final VA	Treatment	Resolution
1	Weidler (1915)	45/M	NR	OS	IN / Pupillary margin	NR / NR	CE+ / PS (Poor view)	Papulosa/ Nodosa	NR	NR	CF 3ft; 20/70	Iodid-mercury/ neosalvarsan	75% reduction (1 mo)
2	Weidler (1915)	23/F	NR	OD	ST / Pupillary margin	None / None	CE- / PS+	Papulosa	NR	NR	20/40; NR	Iodid-mercury/ neosalvarsan	Full resolution
3	Weidler (1915)	26/M	NR	OD	IT / Iris base	NR / Hazy aqueous	CE (Hazy) / PS+	Roseola/ Papulosa	NR	NR	NR; NR	Iodid-mercury/ neosalvarsan	Full resolution
4	Schwartz (1980)	30/M	NR	OD	Multiple / Pupillary margin	3+ Cell / KP+	CE- / PS+	Papulosa	NR	NR	20/20; NR	Penicillin/topical steroids	Full resolution
5	McCarron (1984)	34/M	NR	OD	IT / Iris base	2+ Cell / Mutton-fat KP	CE- / PS (NR)	Gummata	B-scan: Ciliary body enlargement	NR	NR; NR	IV Penicillin	Full resolution
6	McCarron (1984)	34/M	NR	OD	IT / Iris base	2+ Cell / NR	CE- / PS-	Gummata	B-scan: Ciliary body involvement	NR	20/25; 20/25	IV Penicillin	Full resolution
7	Tamesis (1990)	34/M	-	OD	T / Iris base	2+ Cell / Mutton-fat KP	CE- / PS (NR)	Gummata	B-scan: Ciliary body involvement	NR	20/25; 20/20	IV Penicillin	Full resolution
8	Yang (2012)	30/M	+	OS	IN / Pupillary margin	Present / NR	CE+ / PS+	Gummata	NR	NR	20/800; 20/400	IV PCN/steroids	Partial resolution
9	de Jong (2017)	40/M	-	OD	IN / Iris base	Present / NR	CE+ / PS-	Gummata	Echodense mass; full-width iris involvement	NR	20/20; NR	IV PCN/steroids	Nearly full resolution

Case	Author (year)	Age, y/sex	HIV	Lat.	Iris quadrant/location	AC Cell / KP	CE / PS	Nodule type	UBM	AS-OCT	Initial VA; final VA	Treatment	Resolution
10	Michaelov (2018)	53/F	-	OD	ST / Iris base	1+ Cell / Fine KP	CE- / PS-	Gummata	Homogeneous mass protruding from ciliary body	NR	20/50; 20/50	IV Penicillin	Full resolution
11	Chen (2023)	60/M	-	OS	N / Pupillary margin	3-4+ Cell / Mutton-fat	CE+ / PS+	Papulosa	Echodense anterior mass; internal vascular lumens	Hyperreflective surface; vascular lumens; shadowing	20/60; 20/40	IV PCN/steroids	Lost to follow-up
12	Rosenberg (2024)	40/F	-	OS	N / Pupillary margin	2+ Cell / Fine KP	CE- / PS+	Papulosa	Hyperechoic stromal thickening; small lumens	Hyperreflective mass; hyporeflexive rim (capsule)	20/70; 20/30	IV/IM PCN/steroids	Full resolution
13	Gonzalez (2025)	73/M	-	OS	Nasal / Pupillary margin	4+ Cell / Mutton-fat	Hypopyon / PS (NR)	Papulosa	NR	SS-OCT: Hyperreflective surface and shadowing	CF; 20/40	IV Penicillin	Full resolution
14	Caminal (2026)	51/M	+	OD	SN / Iris base	3+ Cell / Mutton-fat	CE+ / PS+	Papulosa	Hyperechoic mass; ciliary body involvement; RPE disruption	Hyperreflective mass; RPE disruption; posterior shadowing	HM; 20/20	Ceftriaxone/IV PCN/Steroids	Full resolution

AC, anterior chamber cells; CE, corneal edema; CF, counting fingers; HM, hand motion; IN/IT/ST/SN, inferonasal, inferotemporal, superotemporal, superonasal; KPs, keratic precipitates; NR, not reported; OD, right eye; OS, left eye; PCN, penicillin G; PS, posterior synechiae; VA, visual acuity; +, positive; -, negative.