

Supplemental Table : Clinical description of the hundred patients of Proboscis Lateralis

Author	Sex	Complete ocular findings	Sino-nasal abnormalities	Oro clefting	Facial & Systemic abnormalities
Zacherl H (1920)	F	-	N	-	-
Dasgupta G, et al (1971)	M	microcornea, coloboma iris, lens opacity	N	-	-
Kaufmann –Friedman K, Supran H (1971)	M	-	N	-	-
Selenkoff A (1884)	M	-	HNA	-	-
Blair V.P., Brown J.B (1931)	-	-	HNA	-	-
Smith F (1950)	M	-	HNA	-	-
Biber J J (1949)	-	-	HNA	-	-
Bishop B W F (1964)	M	-	HNA	-	-
Coetzee T (1964)	M	-	HNA	-	-
Barsky A Jet al (1964)	-	-	HNA	-	-
Mazzola R F (1976)	-	-	HNA	-	-
Forster A (1861)	F	cyclopean eye	HNA	-	-
Landow M (1890)	M	coloboma lid	HNA	-	-
Seefelder R (1910)	M	coloboma iris	HNA	-	-
Tendlau A (1918)	M	coloboma lid, coloboma iris, CR coloboma, squint	HNA	-	-
Marchand (1910)	F	coloboma iris	HNA	-	-
Forrest Young (1949)	-	coloboma lower lid	HNA	-	-
Meyer R (1956)	-	coloboma iris	HNH	-	-
Racamier J, Florentin M(1957)	-	coloboma lid	HNA	CL	cleft mandible

Table 4:(continued)

Author	Sex	Complete ocular findings	Sino-nasal abnormalities	Oro clefting	Facial & Systemic abnormalities
Nessel E (1958)	M	microcornea, coloboma iris , CR coloboma	HNA	-	-
Franklin P (1920)	M	coloboma lid	HNA	-	-
Ohura, T. (1974)	F	coloboma lid	HNA	-	-
d'Assumpcao E A (1975)	M	coloboma lid, u/l microphthalmia	HNA	-	-
Kirchmayr L (1906)	F	coloboma iris, CR coloboma, u/l microphthalmia	HNH	CL,CP	-
Peters A (1910)	-	coloboma both lid, u/l anophthalmia	HNA	CL	-
van Duyse, G.M. (1919)	-	coloboma iris	alar cleft	CL,CP	-
Meeker L H, Aebeli R (1947)	M	cyclopean eye	HNA HNA	CP	-
Kirkpatrick T J (1970)	M	coloboma lid		CP	-
Boo- Chai (1984)	F	coloboma lid, u/l microophthamia	HNA, MSHA FSHA	CL,CP	pseudonostril

Table 4:(continued)

Author	Sex	Complete ocular findings	Sino-nasal abnormalities	Oro clefting	Facial & Systemic abnormalities
Kayikcioglu,A. (2000)	M	u/l microphthalmia	N	-	-
Bowe,J.J. (1986)	-	coloboma lid	-	-	-
Guion-Almeida et al (2004)	M	lacrima system abnormality, hypertelorism	HNA,MSHA ESHA	-	-
Guion-Almeida et al (2007)	F	lacrima system abnormality, hypertelorism, malpositioned eyebrow, b/l anophthalmia,	PLN	CL,CP	facial abnormalities, oronasal cleft, optic nerves absence, encephalocele, multicysticanomalies. ventricular dilatation
Guion-Almeida et al (2007)	M	malpositioned eyebrow, hypertelorism, u/l microphthalmia	PLN	CL,CP	facial abnormalities, optic nerves absence, multicysticanomalies, ventricular dilatation, encephalocele
Guion-Almeida et al (2007)	M	malpositioned eyebrow, hypertelorism, u/l microphthalmia	PLN	CL,CP	facial abnormalities, ventricular dilatation, umbilical hernia, encephalocele
Guion-Almeida et al (2007)	F	malpositioned eyebrow, hypertelorism, b/l microphthalmia	PLN	-	facial abnormalities, ventricular dilatation
Guion-Almeida et al (2007)	F	ptosis, malpositioned eyebrow, hypertelorism	PLN	-	facial abnormalities, acrobrachy plagiomacrocephaly, ventricular dilatation, optic nerve hypoplasia

Table 4:(continued)

Author	Sex	Complete ocular findings	Sino-nasal abnormalities	Oro clefting	Facial & Systemic abnormalities
Guion-Almeida et al (2007)	M	malpositioned eyebrow, hypertelorism, b/l microphthalmia	PLN	CL,CP	facial abnormalities, hypoplastic optic nerve, lateral ventricles abnormal, corpus callosum agenesis, genital hypoplasia
Guion-Almeida et al (2007)	M	ptosis, malpositioned eyebrow, hypertelorism, u/l microphthalmia	PLN	-	facial abnormalities, hypoplastic optic nerves, corpus callosum anomalies, ventricular dilatation, atretic occipital encephalocele
Guion-Almeida et al (2007)	M	ptosis, lagophthalmia, malpositioned eyebrow, hypertelorism	PLN	CP	facial abnormalities, inguinal hernia, ventricular dilatation, encephalocele, corpus callosum agenesis
Guion-Almeida et al (2007)	M	malpositioned eyebrow, hypertelorism, b/l anophthalmia,	PLN	CP,CL	facial abnormalities, genital hypoplasia, corpus callosum agenesis, ventricular dilatation
Guion-Almeida et al (2007)	F	malpositioned eyebrow, hypertelorism, c/l microphthalmia & anophthalmia,	PLN	-	facial abnormalities, corpus callosum agenesis, ventricular dilatation, inter hemispheric cyst

Table 4:(continued)

Author	Sex	Complete ocular findings	Sino-nasal abnormalities	Oro clefting	Facial & Systemic abnormalities
Guion-Almeida et al (2007)	M	malpositioned eyebrow, hypertelorism, b/l anophthalmia	PLN	CL	facial abnormalities, ventricular dilatation
Fadi Ghieh et al (2019)	F	hypertelorism, abnormal eyebrow, coloboma lid, coloboma iris, CR coloboma	HNH,MSHA, ESHA	-	asymmetrical & enlarged frontal face, frontal lobe protrusion
Chauhan D S, Guruprasad Y (2010)	F	-	HNH,MSHA ESHA	-	-
S.B.Magadam et al (2012)	F	-	HNH	-	-
Sultan Al-Shaqsi et al (2018)	F	hypertelorism	HNA,MSHA ESHA	-	craniofacial teratoma, VSD, PDA, anterior cranial fossa mass
S.Agarwal, S.Latta (2010)	M	coloboma lid, squint	HNA	CL	-
Piyush Verma et al (2011)	-	-	HNA	-	-
Sunday O. Ajike et al (2018)	F	-	N	CL,CP	-
N. N. Mathur, R. Garg (1999)	M	lacrima system abnormality, coloboma lid, coloboma iris	HNA	-	-
Kingsly Paul et al (2007)	M	lacrima system abnormality, disc pit, disc coloboma, CR coloboma	HNA, no sinuses	CL,CP	-
Manlio Galie et al (2019)	M	asymmetric fissure, epicanthus	HNA	-	low set ear , single umbilical artery, kidney agenesis
Pujari A. et al (2017)	M	hypertelorism,squint	HNA	-	-
Fischer H. et al (2014)	M	lacrima system abnormality	HNA	-	-
Fischer H. et al (2014)	M	hypoplastic orbit, malpositioned eyebrow, asymmetric fissure, epicanthus	HNA	-	wide forehead, high frontal hairline

Table 4:(continued)

Author	Sex	Complete ocular findings	Sino-nasal abnormalities	Oro clefting	Facial & Systemic abnormalities
Arora G. et al (2011)	M	-	N	-	-
Vaid S. et al (2010)	F	orbital mass	HNA,MSHA, ESHA	CP	absent left olfactory bulb & tract
Gary J. Lelli et al (2008)	F	lacrima system abnormality	HNA	-	-
Sakamoto Y. et al (2010)	F	lacrima system abnormality, hypertelorism	HNA	CL,CP	-
David LR et al (2008)	F	lacrima system abnormality	HNA	-	abnormal facies
Thorne MC et al (2007)	F	coloboma iris	HNH, ESHA	-	skin tag
Mutaf M et al (2006)	M	-	N	-	-
Acarturk S et al (2006)	M	-	HNH, MSHA	-	-
Acarturk S et al (2006)	F	lacrima system abnormality, hypertelorism, coloboma lid	HNA,MSHA, ESHA	-	-
Ugurlu K et al (2005)	F	hypertelorism	HNH,MSHA	CL,CP	-
Verma A, Jain N (2005)	-	-	HNA	-	-
Abou-Elhamd KE (2004)	M	coloboma lid	HNA	-	tongue tie , high arch palate
Abou-Elhamd KE (2004)	M	coloboma lid	HNA	-	-
Boahene DK (2005)	M	hypoplastic orbit, coloboma lid, hypoplastic optic nerve, orbito-ethmoidal encephalocele.	HNA, ESHA	-	-
Eroglu L (2003)	M	lacrima system abnormality	HNA, ESHA	CL,CP	-
Eroglu L (2003)	M	lacrima system abnormality, hypertelorism, coloboma lid	HNA,ESHA	-	-

Table 4:(continued)

Author	Sex	Complete ocular findings	Sino-nasal abnormalities	Oro clefting	Facial & Systemic abnormalities
Mladina R et al (2003)	M	dystopia, distorted medial wall, coloboma lid	HNA, MSHA, ESHA, FSHA	-	-
Belet N et al (2002)	M	lacrima system abnormality, hypertelorism, coloboma lid, u/l microphthalmia,	HNA, ESHA	-	high palate, caudal orientation of gyrus rectus, cribriform plate defect
Belet N et al (2002)	M	lacrima system abnormality, hypertelorism,	HNA, ESHA	CL, CP	high palate, caudal orientation of gyrus rectus
Yildirim SV et al (2001)	M	coloboma iris, CR coloboma, sclerocornea abnormality, u/l microphthalmia, nystagmus,	HNA, MSHA, ESHA, FSHA	-	infraorbital subcutaneous lipoma, asymmetry brainstem, arachnoid cyst fossa
Guerrero JM et al (2001)	M	microcornea, CR coloboma, RD, orbital wall defect, u/l microphthalmia	HNH	-	-
Singh I et al (2006)	M	telecanthus	HNA	-	-
Jost G et al (1995)	F	-	HNH	-	-
Jost G et al (1995)	M	-	HNH	-	-
Poe L.B. et al (1992)	F	retrobulbar cystic mass, u/l microphthalmia, coloboma lid, asymmetric palpebral fissure	HNA, ESHA	-	upper philtrum hole, caudal gyrus recti, absent cribriform plate, cystic degeneration of optic nerve
E G Mugaddu (1985)	M	lacrima system abnormality, coloboma lid, u/l microphthalmia	HNA, FSHA	-	-
Rontal M, Duritz G (1977)	M	disrupted medial orbital wall, coloboma lid	HNH, MSHA	-	tooth malalignment

Table 4:(continued)

Author	Sex	Complete ocular findings	Sino-nasal abnormalities	Oro	Facial & Systemic clefting	Systemic abnormalities
Binns JH (1969)	M	hypoplastic orbit, lacrimal system abnormality, corneal scar, coloboma lid	HNA, MSHA ESHA, FSHA		-	flatten face
Antoniades K, Baraister M (1989)	F	orbital encephalocele, dystopia, conjunctival cyst, asymmetric fissure, coloboma lid, coloboma iris, CR coloboma	HNH, MSHA ESHA		CL, CP	oblique facial and a frontonasal cleft, holoprosencephaly
Rao P B (1963)	F	coloboma both lid	HNH		-	abnormal facies
Bhatt Y et al (2007)	F	lacrimal system abnormality, coloboma lid	HNH, no sinuses		-	-
Vyas UH et al (2003)	M	-	HNA, MSHA ESHA, SSHA		-	-
Mahindra S et al (1971)	F	lacrimal system abnormality, coloboma lid, coloboma iris, CR coloboma	HNA		CL, CP	partial agenesis of the premaxilla
Sahni J K et al (1984)	F	-	N		-	-
Mehta L et al (1999)	F	coloboma lid, asymmetric fissure	HNH		-	-
Coessens B. et al (1991)	F	-	HNH		-	-
McLaren LR (1955)	F	coloboma iris	alar cleft		CL, CP	-
Kakkar V et al (2014)	M	-	HNH		-	-
Souza et al (2008)	F	-	N		-	-
Kabamba L et al (2016)	F	coloboma lid	HNH		-	-
Kaur B et al (2014)	M	proptosis, orbital mass, coloboma lid, asymmetric fissure	HNA, MSHA		-	-

V Mago et al (2004)	M	-	N	-	-
Mohsen N, Mehdi B (2015)	F	c/l microphthalmia & anophthalmia	HNH	-	-
Our Study (2020)	F	microcornea, correctopia, lens opacity, peripapillary staphyloma, PFV, squint	N	-	-

M= male, F=female, u/l= unilateral, b/l=bilateral, c/l= contralateral, CR=chorioretinal, N= normal, HNA=heminasal aplasia, HNH=heminasal hypoplasia, MSHA=maxillary sinus hypoplasia/aplasia, ESHA= ethmoid sinus hypoplasia/aplasia, FSHA=frontal sinus hypoplasia/aplasia, SSHA=sphenoid sinus hypoplasia/aplasia, CL=cleft lip, CP=cleft palate, PDA= patent ductus arteriosus, VSD= ventriculoseptal defect; PFV= persistent fetal vasculature, RD=retinal detachment;