

Supplementary Data : cases of NF-1 and PHAEO/PG in the literature

Author	Year	Sex	Age	Any of classical symptoms ?	Reported symptoms	HTN	Presentation	U/B	Size (cm)	Complications/other diagnosis if present
Takamyia et al ¹	2017	M	33	N		N	Incidental	U	5	Sudden death and myocarditis
Tate et al ²	2017	M	24	Y	Abdominal pain, Headache, Palpitations, tremor	N	Incidental	U	6.4	-
Seo et al ³	2017	M	35	N	Bleeding	N	Incidental	U	3.3	-
Lee Y et al ⁴	2017	F	49	Y	Palpitations Sweating	N	Incidental	U	20	Acute stroke
Remon-Ruiz et al ⁵	2017	F	31	Y	Headache Tremors Pallor hypertension	Y	symptomatic	U	2.3	Hypertensive crisis
Pan et al ⁶	2016	M	56	N	Abdominal pain Cough Fever SOB	Y	Incidental	U	9	
Treyger G et al ⁷	2015	F	60	y	Palpitations	Y	Symptoms	B	3.1 3.0	Hypertensive crisis
Varghese P et al ⁸	2015	M	60	Y	Headache ,neck pain, unsteadiness	N	Incidental	U	-	
Jayalakshmy et al ⁹	2015	F	26	y	Hypertension Headache Flank pain	Y	-	U	6.5	
Petrovoska et al ¹⁰	2015	M	36	Y		Y	Hypertension	U	6	-

Teasdale et al ¹¹	2015	M	53	Y	Abdominal pain Palpitations Sweating's Dizziness Weight loss	N	Incidental	U	8	
Teasdale et al ¹²	2015	F	29	Y	Headache Palpitations Chest pain Sweating SOB	Y	Symptomatic	U	7.7	Takotsubo cardiomyopathy
Yamamoto et al ¹³	2014	M	26	y	Palpitations	N	Symptoms	U	4.4	-
Ahmed et al ¹⁴	2014	F	49	N	Hypertension Chest pain SOB	Y	Hypertension	U	4.7	Acute cardiomyopathy and multi-organ failure
Giovannoni et al ¹⁵	2014	M	16	Y	Headache Visual impairment Nausea vomiting	Y		U	6	Malignant pheo confirmed with lymph nodes metastases
Gorgel et al ¹⁶	2014	M	47	N	N	N	incidental	B	7 2	
Gorgel et al ¹⁷	2014	M	50	N	Pain-not specified	Y	Incidental	B	4.5 3.5	
Gorgel et al ¹⁸	2014	M	43	N	N	N	Incidental	U	5.5	GIST , papillary thyroid cancer
Behera et al ¹⁹	2013	M	33	Y	Headache Constipation Back pain Urgency Difficulty walking	N	Incidental	U	2.8	Primary hyperparathyroidism
Doleman et al ²⁰	2013	M	60	N	Limb claudication	N	Incidental	B	3.6 3.2	Rupture of the left external iliac artery following angioplasty and development of an arterial pseudoaneurysm
Ozcinar et al ²¹	2013	M	48	N	Black stool	Y	Incidental	U	2.2	
Harrison et	2013	F	58	N	Constipation	Y	Incidental	U	6	Metastatic PHAEO to liver and

al ²²					Abdominal pain Leg pain Weight loss						bone
Datta et al ²³	2013	F	35	N	Weakness	Y	incidental	U	6.7		Acute stroke
Cecchi et al ²⁴	2013	F	37	N	N	N	incidental	U	8		Pulmonary oedema and Death post delivery -autopsy confirmed Pheo
Vlenterie et al ²⁵	2013	F	59	N	Fatigue	N		<u>U</u>	7		GIST
Vlenterie et al ²⁶	2013	M	55	Y	Tachycardia	Y		B	5.4 5.8		GIT stroma I tumor
Hataya et al ²⁷	2012	F	65	Y	Palpitations Chest pains Nausea LOC	Y	symptomatic	B	7, 2		GIST ,MPNS tumor
Mujamder et al ²⁸	2012	F	34	N	Abdominal pain Nausea Vomiting	N	Incidental	Extra- a- adr	6.8		Composite pheochromocytoma and ganglioneuroma
Banfi et al ²⁹	2012	F	20	N	Chest pain SOB Cough fever	Y		U	-		Pheo crisis and acute heart failure
Kumar et al ³⁰	2011	F	67	N	Abdominal pain	Y	Incidental	U	4.6		
Tan et al ³¹	2011	F	70	Y	Palpitations SOB Backpain	Y	Incidental	U	5.5		Malignant pheo with bony mets , primary hyperparathyroidism
Rapp et al ³²	2011	M	35	Y	Backpain Sweating Light headedness Nausea	Y	Incidental	U	7.7		Hemithorax and mediastinal haemorrhage
Mahajan et al ³³	2010	F	54	N	Chest pain Nausea	Y		U	-		-Composite pheo and ganglioneuroma

					vomiting					
Mahajan et al ³⁴	2010	F	49	Y	Headache Sweating Palpitations Anxiety Diarrhoea	N	Incidental	U	6	-Composite pheo and ganglioneuroma
Gkaliagkousi et al ³⁵	2009	F	70	Y	Headache Sweating Abdominal pain	Y	Incidental	U	7	MEN2 A
Babinska et al ³⁶	2008	F	30	Y	Headache Palpitation Tremors pallor	Y	Hypertension	U	6.2	Myocardial infarction
Zografos et al ³⁷	2008	-	37	y	Arrhythmias Sweating hypertension	y	symptomatic	U	8	-
De Toma et al ³⁸	2007	M	42	Y	Palpitation	Y	Hypertension	U	1.5	-
Kremer et al ³⁹	2007	F	63	Y	Headache Palpitations Nausea	Y	symptomatic	U	5	-GIST
Erem et al ⁴⁰	2007	M	30	Y	Headache ,Palpitations ,sweating	Y	Incidental	U	5	-
Conlon et al ⁴¹	2007	M	40	N	Abdominal pain collapse	N	incidental	U	2	Massive hemithorax due to rupture of internal mammary artery
Boulikina et al ⁴²	2007	F	43	y	Headaches Palpitations Sweating Chest pain SOB	y		U		Acute myocardial infarction and pulmonary oedema .

Mezitis et al ⁴³	2007	F	41	N	N	N	Incidental	U	4	Ganglioneuroma
Termato et al ⁴⁴	2007	F	60	y	Headache Vomiting	y	Incidental	U	3	GIST
Termato et al ⁴⁵	2007	F	67	N	N	Y	Hypertension	B	6.0	GIST
Ezri et al ⁴⁶	2006	F	32	N	N	N	Incidental	U	4	Heart failure
Altinova et al ⁴⁷	2006	M	35	y	Headache Palpitations	y	Symptomatic	B	8.5 2.2	- Primary hyperparathyroidism
Perren et al ⁴⁸	2006	M	60	N		y	Hypertension	B	2.5 1.0	Hypertensive crisis during surgery
Liswski et al ⁴⁹	2006	F	82	N	Constipation	N	incidental	U	2.5	
Lew et al ⁵⁰	2005	F	43	Y	Headaches Dizziness	N	incidental	U	1.0	-
Gursoy et al ⁵¹	2006	F	26	Y	SOB Headache Palpitation sweating	Y	incidental	U	6	
Onozawa et al ⁵²	2005	F	47	N	Muscle weakness Watery diarrhoea Weight loss	y	incidental	U	10	VIP compsite Pheo
Al- Wahabi et al ⁵³	2005	M	65	y	Headaches	Y	Hypertension	B	-	.Primary hyperparathyroidism
Lockhart et al ⁵⁴	2000	F	33	y	Headaches Abdominal pain Rectal bleeding	Y	incidental	U	4.4	ganglioneuroma
Ku et al ⁵⁵	2010	M	59	N	Weakness Abdominal pain	Y	Incidental	B	-	-
Carsote et al ⁵⁶	2012	F	61	N		Y	Hypertension	U	1.1	GIST
Katechis et al ⁵⁷	2005	M	36	N	N and Vomitting Palpitation	y	Hypertension	Extra-adre	5	acute myocardial infarction and retroperitnoenal malignant pheochromocytoma

					Abdomen and chest pain			nal		
Satake et al ⁵⁸	2001	F	59	N	Weight loss	y	Incidental	U	10	a metastatic malignant composite pheochromocytoma , subsequent death
Takahashi et al ⁵⁹	2014	F	29	N	N	Y	Incidental	U	5	Post delivery acute pulmonary oedema ,
Sandhu et al ⁶⁰	2010	M	39	Y	Anxiety Sweating Palpitation headaches6	Y	Incidental	U	6.3	GIST
Wilsher et al ⁶¹	2011	F	52	N	N	Y	incidental	U	3.4	malignant
Outokeush et al ⁶²	2014	F	55	N	Chest pain	Y	-		-	malignant
Teslianou et al ⁶³	2017	M	54	Y	Palpitations Presyncope vertigo	Y	symptoms	U	9	Myocarditis
Tran et al ⁶⁴	2017	M	57	N	bleeding	N	Incidental	U	3.6	Composite PHEO and neuroblastoma
Di Miguel et al ⁶⁵	2017	M	25	Y	Sweating, headache, palpitation	Y	Symptoms	B	4 4	Persistent HTN and renal failure
Takmatsu et al ⁶⁶	2017	F	60	N	Chest pain fever	y	incidental	U		Type 2 MI and hypertensive crisis
Almeida et al ⁶⁷	2013	M	36	Y	Sweating Wt loss fatigue	Y	Symptoms	U	7.9	Hypertensive emergencies, and malignant PHEO
Xin-Yi Ng et al ⁶⁸	2012	F	47	N	N	N	Incidental	U	3.4	
Bumming et al ⁶⁹	2005	M	46	N	N	Y	Hypertensio	U	6	Myocardial infarction

						n				GIST
Magill et al ⁷⁰	2006	M	44	Y	palpitation, headache, sweating, light-headedness	Y	incidental	U	3.4	Cardiomyopathy
Azough et al ⁷¹	2009	F	35	N	Collapse Abdominal pain	N	Incidental	U	1.1	Shock due to adrenal rupture and bleeding
Petidis et al ⁷²	2008	F	45	Y	Headache, tachycardia, abdominal pain , fever	N	Incidental	B	6	Thromosis :portal vein and splenic artery
Wong CL et al ⁷³	2018	F	65	Y	Palpitation	N	Symptoms	U	1.9	Primary hyperparathyroidism

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