A Joint Medical and Surgical Multidisciplinary Trigeminal Neuralgia Service Eleven-year Evaluation Sanjeet Singhota; Nana Tchantchaleishvili; Jianhua Wu; Ludvic Zrinzo; Lewis Thorne; Joanna M Zakrzewska



Fig 1. Flow diagram of patient selection TN = trig. neuralgia, GPN = glossopharyngeal neuralgia, SUNA= short unilateral neuralgiform pain with autonomic symptoms, SUNCT= short unilateral neuralgiform pain with conjunctival redness and tearing, MS= Multiple Sclerosis

'e	en-vea	ar Eva	aluatio	n	10010 2		M
					N		
а	IVI Zaki	rzewsł	ka		No of MDT (%)		
					1		84
	1st	MDT	Final		2+		9
	visit	clinic	follow up	р		Drug	at firs
	135	135	118		Nonotherapy		4.
	drug (9	×) <0 001	110		Polytherapy		3.
	4 (3)	18 (13)	26 (22)		rolytherupy		
_	+ (3)	10(13)	20 (22)		Length of follow up in	years (mean (SD))	2.
	103 (76)	84 (62)	71 (60)		Number reporting any	complication	42
	28 (21)	22 (24)	21 (19)				pain
	28 (21)	55 (24)	21 (18)		Pain free off drugs		64
	55 (41)	32 (24)	22 (19)	<0.00	Pain free on drugs		8
	50 (40)	(17)	50 (40)	1	Mild pain		(
	58 (43)	63 (47)	50 (42)	0.8	Moderate pain		(
	0 (0) 16 (12)	22 (24)	4 (3)	0.7	Severe pain		07
	0 (0)	0 (0)	0 (0)	0.05 NA	MS (%)		01
	5 (4)	2 (2)	2 (2)	0.41	1015 (70)		
	3 (2)	2 (2)	5 (4)	0.37	MDT to surgery in yea	rs (mean (SD)	0.
				< 0.00	repeat surgery same		
	16 (12)	15 (11)	2 (2)	1	repeat surgery other		
	pain (9	%) <0.001			Surgical procedure	Number of	Type
		•			Surgical procedure	Complications (%)	Type
	0 (0.0)		18 (15)		1stMVD	41/93 (44%)	
	C (A)		10 (0)		Grade 1a (no	23t	11t m
	6 (4)		10 (9)		treatment and no	5p	8 n
	15 (11)		51 (43)		drugs)		1 he
	21 (16)		25 (21)				4 p ni
	02 (CO)		11(12)				1 p he
	95 (69)		14 (12)				2 t blu
							3 t he
							3 t mi
			1				1t ba
2	analysed	l of whi	ch:				1t sp
							1 fal
~	the MD	т			Grade 1b (treatment	7	5 puli
g	the MD	1.			with drugs)		1 wou
h	ave surg	gery we	re pain fr	ee		10	1 asep
đ	nationte	Surgi	cal		Grade 2a Invasive	12	10 CS
u	patients	. Surgi	cai		treatment without		1 Swa
nc	1 in the	majority	y of		GA		2 CSI
					Cuada 2h invesiva	7	4 CSI
					Grade 20 myasive	/	4 CSI
	me				under GA		1 wot
it,	for sha	ared de	ricion mal	ing	1st RFT	16/17 (94%)	
IC	y 101 3116	i eu ueu		ung .	Grade 1a (no drugs)	9t	6 t nu
S	onal car	e pathw	vay.			10p	8 p ni
d	for sure	gery, an	d				1t dry
	م المعراد	, , , , ,	thorses				hemi
rc	n and le	ss arug	therapy.				1t diff
-							pain)
C	BZ = carhama	azepine. OXC	=oxcarhazenin	e, GAB=			1 t he
LIE	D= lidocaine			,	1st Glycerol	13/28 (46%)	
rov	ascular deco	mpression. S	RS= Stereotacti	5	Grade 1a (no drugs)	5t	3 t nu
her	mocoagulati	on				8p	1 t sw
	_						2 p ar

1st SRS

Grade 1a

decompression, RFT= Radiofrequency Thermocoagulation, GLYC= Glycerol rhizotomy, SRS= Stereotactic radiosurgery

DT (%) 0 84 (90) 11 (73) 22 (79) 14 (82) 9 (10) 4 (27) 6 (21) 3 (18) Drug at first visit (%) 0.513
84 (90) 11 (73) 22 (79) 14 (82) 9 (10) 4 (27) 6 (21) 3 (18) Drug at first visit (%0 0.513 errapy 47 (51) 9 (60) 13 (46) 6 (35) is 9 (10) 3 (20) 2 (77) 2 (12) rapy 37 (40) 3 (20) 13 (46) 9 (53) ifollow up in years (mean (SD)) 2.53 (3) 4.09 (3) 4 (3) 3(2) 0 reporting any complication 42 (45) 3 (20) 11 (39) 16 (94) e off drugs 64 (72) 2 (14) 10 (39) 8 (50) e on drugs 8 (9) 5 (36) 7 (27) 0 (0) in 6 (7) 2 (14) 5 (19) 3 (19) ite pain 6 (7) 3 (21) 1 (4) 1 (6) pain 5 (6) 2 (14) 3 (12) 4 (25) = TN (%) 82 (88) 13 (87) 27 (96) 17 (100) 0 urgery in years (mean (SD) 0.67 (1) 2 (3)
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without 1 Swallowing difficulty. NG tube: 1 bladder catheterisation
r o water hing uniterry. No table, r oradici calleterisation
2 CSF leaks: mastoid repack
invasive 7 4 CSF& wound infections: wound revision & lumbar drain
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