Report Etrasimod –VELSIPITY®

Dura durat 9	A the autored to alterations	Forgutial they are this feeture							NUIC :
Product & Mechanism of action	Authorized indications	Essential therapeutic features							NHS impact
Substance:etrasimod	Licensing status	Summary of clinical EEEICACV							- -
Substance:etrasimou	Authorized Indication: EMA:etrasimod is indicated for the	Summary of clinical EFFICACY: The efficacy and safety of stracimed were evaluated in two independent randomized, multisenter, double blind, nhe controlled, phase III trials.							st of therapy: e estimated cost of etrasimod is not yet known.
Brand Name: Velsipity®	treatment of patients 16 years of	The efficacy and safety of etrasimod were evaluated in two independent randomized, multicenter, double-blind, pbo-controlled, phase III trials (ELEVATE UC 52 and ELEVATE UC 12, NCT03945188 and NCT03996369, respectively).							e estimated cost of etrasimod is not yet known.
Brand Name. versipity	age and older with moderately to	Eligible pts were 16 to 80 years old with moderately to severely active UC (confirmed by endoscopy with \geq 10 cm rectal involvement and on the							idemiology:
Originator/licensee:	severely active UC who have had an	basis of a MMS of 4-9 with a centrally read endoscopic subscore ≥2 and rectal bleeding subscore ≥1) and a documented history of inadequate							Italy, a review based on 16 studies reported
Originator/ficerisee.	inadequate response, lost	response, loss of response, or intolerance of at least one therapy approved for the treatment of UC.							idence rates of UC as 10-15 cases per 100,000
Classification:NCE	response, or were intolerant to	ELEVATE UC 52 comprised a 12-week induction period followed by a 40-week maintenance period with a treat-through design. ELEVATE UC 12							abitants per year [5].
	either conventional therapy, or a	independently assessed induction at week 12.							
ATC code:L04AE05	biological agent [1].	The primary efficacy endpoints were the proportion of pts with clinical remission at weeks 12 and 52 in ELEVATE UC 52 and week 12 in ELEVATE UC							_
		12.							SSIBLE PLACE IN THERAPY
Orphan Status:	FDA: etrasimod is a sphingosine 1-	In both trials, pts wererandomly assigned (2:1) to etrasimod 2mg or pbo, stratified by previous exposure to biologicals or JAK inhibitors therapy (yes							CE currently recommends
Eu:No	phosphate receptor modulator	vs no), baseline corticosteroid use (yes vs no), and baseline disease activity (MMS; 4-6 vs 7-9).							efollowingtreatment options for moderateto
Us:No	indicated for the treatment of	severe UC:							
	moderately to severely active UC in	Table 1: N of eligible pts	ofacitinib						
Mechanism of action:	adults [2].		rasimod	pbo					edolizumab
etrasimod is a selective			39	144					nfliximab, adalimumab, golimumab
immunosuppressant. The	Route of administration:os		38	116					lgotinib
mechanism by which etrasimod	I de la constitución de la const	In ELEVATE UC 52, a significantly greater proportion of pts in the etrasimod group achieved clinical remission compared with pts in the pbo group at - Ustekinumab							
exerts therapeutic effects in UC is unknown, but it may involve the	Licensing status EU CHMP P.O. date:14/12/2023	completion of the 12-week induction period (74 [27%] of 274 pts vs10 [7%] of 135 pts; p<0.0001) and at week 52 (88 [32%] of 274 pts vs9 [7%] of Etrasimov could be another option, which role has							
reduction of lymphocyte	FDA M.A. date:12/10/2023	155 pts, prototoly							
migration into sites of	1 DA W.A. date.12/10/2023	in ELEVATE OCI2, 33 (25%) of 222 pts in the ethasinou group had clinical termission compared with 17 (15%) of 112 pts in the pbo group at the end							
inflammation, as selective binding	EU Speed Approval Pathway: No	of the 12-week induction period (p=0.026) [3]. OTHER INDICATIONS IN DEVELOPMENT: Atopic							
of etrasimod to S1P receptors 1,4	FDA Speed Approval Pathway:No	Summary of clinical SAFETY: dermatitis; Crohn's disease [4].							
and 5 partially and reversibly		In both ELEVATE UC 52 and ELEVATE UC 12, etrasimod showed a favourable safety profile consistent with previous studies. Most events were							
blocks the capacity of		considered mild or moderate. The most frequently reported AE (21% of pts) included anemia, headache, and worsening of ulcerative colitis or SAME INDICATION IN EARLIER LINE(S) OF							
lymphocytes to egress from	ABBREVIATIONS:	ulcerative colitis flare. Also of special interest were similar between the two trials and occurred in up to 3% of pts: cardiovascular disease TREATMENT:No							
lymphoid organs [1].	AE: adverse event JAK: Janus Kinases	(hypertension, sinus bradycardia, atrioventricular block) and infection (tuberculosis, cytomegalovirus infection, herpes zoster events). These events							
	MMS: modified Mayo score	were considered either mild or moderate, were localized and did not lead to discontinuation from the study [3].							HER DRUGS IN DEVELOPMENT for the SAME
	P: p-value	Table 2: Summary of clinical safety							DICATION:
	Pbo: placebo		ELEVATE			ELEVATE UC 12		Ontamalimab, SHR03302, Cobitolimod [8].	
	Pts: patients SAE: Serious adverse event		Etrasimo	d group	Pbo group	Etrasimod group	Pbo	*\$e	ervice reorganization: No
	UC: ulcerative colitis	<u> </u>	(N=289)		(N=144)	(N=238)	(N=116)		ossible off label use: No
		Any AE	206 (71%	6)	81 (56%)	112 (47%)	54 (47%)		
		Any SAE	20 (7%)		9 (6%)	6 (3%)	2 (2%)		
		Any AE leading to study treatmen	nt 12 (4%)		7 (5%)	13 (5%)	1 (1%)		
		discontinuation							
		Ongoing studies[4]:							
		For the same indication:No							
		For other indications:Yes							
		Discontinued studies (for the same indication): No							
		References:							
		[1]. https://www.ema.europa.eu/en/medicines/human/EPAR/velsipity							
		[2]. https://www.accessdata.fda.gov/drugsatfda_docs/label/2023/216956s000lbl.pdf [3]. Sandborn WJ et al. Etrasimod as induction and maintenance therapy for ulcerative colitis (ELEVATE): two randomised, double-blind, placebo-controlled, phase 3 studies.							
		Lancet. 2023 Apr 8;401(10383):1159-1171. doi: 1							
		[4]. https://adisinsight.springer.com/drugs/800037849							
		[5]. https://pubmed.ncbi.nlm.nih.gov/33784448/							
		[6]. https://www.io.nihr.ac.uk/wp-content/uploads/2022/10/23880-TSID 10636-Risankizumab-for-Ulcerative-Colitis-v1.0-OCT2022-NONCONF.pdf [7]. https://www.nice.org.uk/guidance/ta828/resources/ozanimod-for-treating-moderately-to-severely-active-ulcerative-colitis-pdf82613377539781							
L	[7]. Inclps//www.nice.org.us/gardance/cao2o/resources/ozanimouror-treating/inoueratery-to-severery-active-directive-contribs/purozo1557/559781								