Report DARZALEX® - Daratumumab

Brand Name: Darzalex is indicated for the treatment of adults with SMM at high risk of developing MM [1]. Driginator/licensee: Janssen-Cilag International Janssen-Cilag Internation	100 mg of DARZALEX® concentrate for cost € 425 (ex-factory price) [3] cology: 5,600 new cases of active MM each year mated, with an incidence of about 8.75
Brand Name: Darzalex AQUILA (NCT03301220) was an open label, multicentre, randomized, phase III trial to assess the efficacy of adaratumumab for high-risk SMM, a precursor disease of active MM for which no treatments have been approved. Brand Name: Darzalex Originator/licensee: Janssen-Cilag International Brand Name: Darzalex AQUILA (NCT03301220) was an open label, multicentre, randomized, phase III trial to assess the efficacy of infusion of adaratumumab for high-risk SMM, a precursor disease of active MM for which no treatments have been approved. Epidemiol In Italy, 1 Brand Name: Darzalex Originator/licensee: Janssen-Cilag International	100 mg of DARZALEX® concentrate for cost € 425 (ex-factory price) [3] cology: 5,600 new cases of active MM each year mated, with an incidence of about 8.75
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N.V. FDA: / years were eligible. Pts. had to have measurable disease and an ECOG PS of 0 or 1. Pts. were required to be at are estimated and the state of the s	
high risk for progression to active MM (% of clonal plasma cells in bone marrow of ≥10% and the presence of ≥1	,000 inhabitants per year, and an overall
Classification: NI Route of administration: SC risk factors, including a serum M-protein level of ≥30 g/liter, IgA SMM, immunoparesis with reduced levels of prevalence.	nce of approximately 30,000 pts.
two uninvolved immunoglobulin isotypes, a ratio of involved free light chains to uninvolved free light chains in undergoin	ing treatment or monitoring [4].
ATC code: L01FC01 Licensing status serum of 8 to less than 100, or a percentage of clonal plasma cells in bone marrow of >50% to <60%). According	ng to international studies, SMM
EU CHMP P.O. date: 19/06/2025	s for about 13–14% of new MM cases [5].
Orphan Status: Pts. (n=) were randomly assigned in a 1:1 ration to receive SC daratumumab monotherapy (n=) or active	
Eu: Yes monitoring (n=). Daratumumab 1800 mg co-formulated with recombinant human hyaluronidase was	
administered on a weekly basis in cycles 1 and 2, and 2, every 2 weeks in cycles 3 through 6, and every 4 weeks Possible	E PLACE IN THERAPY:
thereafter in 28-day cycles. Treatment was continued for 39 cycles, for 36 months, or until confirmation of For pts. v	with newly diagnosed high-risk SMM,
Mechanism of action: FDA Speed Approval Pathway: / disease progression, whichever occurred first.	with lenalidomide or lenalidomide plus
Daratumumab is a dexameth	thasone (Rd) for two years, or enrolment
	inical trials, is recommended.
	ice between lenalidomide and Rd should
attach to the protein CD38 AL amyloidosis: amyloid light chain or primary After a median follow-up of 65.2 months, progression to active MM or death had occurred in 67 pts. (34.5%) in consider	pt's age, comorbidities, and tolerance
	nethasone.
	intervention is recommended.
white blood colls in C: Confidential Interval monitoring group [2].	
	gnosed several years earlier, who have
amyloidosis. By attaching IMWG: International myeloma working group summary of clinical SAFETY:	d stable without therapy may continue
to CD38, on those colls M.A.: Marketing Authorization Grade 3 or 4 AEs occurred in 40.4% and 30.1% of the ots, in the daratumumab group and the active-monitoring observation	tion, with intervention only in the event
	ges in laboratory parameters indicating
the immune system to kill PFS: Progression-Free Survival 29.0% and 19.4% of the pts. in the daratumumab group and the active-monitoring group, respectively; the most disease pr	progression [6].
the abnormal white blood P.O.: Positive Opinion common SAF was pneumonia (3.6% vs. 0.5%).	
	ition of Daratumumab to these regimens
	present a new opportunity for these pts.
Sc: Subcutaneously pts. (2.0%) in the active-monitoring group (pulmonary oedema, cardiac arrest, pulmonary embolism, and	
SMM: Smouldering multiple myeloma wHo: World Health Organization cardiac failure) [2].	INDICATIONS IN DEVELOPMENT:
Neuromye	yelitis Optica Spectrum Disorders
Ongoing studies: (NCT0540	103138)
• For the same indication: No	
	INDICATION IN EARLIER LINE(S) OF
TREATME	IENT: -
Discontinued studies (for the same in dischiral). No	
Discontinued studies (for the same indication): No OTHER DI	DRUGS IN DEVELOPMENT for the SAME
References:	TION: Denosumab (NCT03839459);
reterences: [1] https://www.ema.europa.eu/en/medicines/human/EPAR/darzalex isatuximal	ab + lenalidomide + dexamethasone
[2] https://www.nejm.org/doi/full/10.1056/NEJMoa2409029 (NCT0427	270409).
[3] https://gallery.farmadati.it/Home.aspx [4] https://www.osservatoriomalattierare.it/i-tumori-rari/mieloma-multiplo	
	reorganization: No
	e off label use: Yes