

Plasma Chitotriosidase Activity versus Serum CCL18 Level for Assessing Gaucher Disease Severity.

Protocol of a Systematic Review with Meta-analysis of Individual Participant Data.

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Appendix 1. Literature search strategy for MEDLINE via Pubmed

Date range: from January 1995 to July 2015, limited to Humans

Date searched: 2015.07.23

#1	Chitotriosidase[Supplementary Concept] OR chitotriosidase[Text Word]	354
#2	CCL18 protein, human[Supplementary Concept] OR CCL18[Text Word]	305
#3	Biological markers[MeSH] OR biomarker[Text Word] OR marker[Text Word]	541,913
#4	#1 OR #2 OR #3	542,248
#5	Enzyme replacement therapy[MeSH] OR enzyme replac*[Text Word]	2,676
#6	(Substrate[Text Word] AND reduc*[Text Word]) OR substrate depriv*[Text Word]	15,378
#7	Miglustat[Supplementary Concept] OR miglustat[Text Word] OR Zavesca[Text Word]	238
#8	Eliglustat[Supplementary Concept] OR eliglustat[Text Word]	17
#9	Imiglucerase[Supplementary Concept] OR imiglucerase[Text Word] OR Cerezyme[Text Word]	293
#10	Velaglucerase alfa, human[Supplementary Concept] OR velaglucerase [Text Word] OR vpriv[Text Word]	40
#11	Taliglucerase alfa[Supplementary Concept] OR taliglucerase[Text Word] OR elelyso[Text Word]	15
#12	#5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11	18,139
#13	#4 OR #12	559,080
#14	Gaucher disease[MeSH] OR Gaucher[Text Word]	2,359
#15	#13 AND #14	979

Appendix 2. Literature search strategy for CENTRAL via Wiley interface

Date range: from January 1995 to July 2015

Date searched: 2015.07.23

#1	Chitotriosidase	25
#2	CCL18	11
#3	Biological markers[MeSH] OR biomarker OR marker	18,870
#4	#1 OR #2 OR #3	18,894
#5	Enzyme replacement therapy[MeSH] OR enzyme replac*	920
#6	(Substrat AND reduc*) OR substrate depriv*	864
#7	Miglustat OR Zavesca	19
#8	Eliglustat	20
#9	Imiglucerase OR Cerezyme[Text Word]	33
#10	Velaglucerase OR vpriv	21
#11	Taliglucerase OR elelyso	13
#12	#5 OR #6 OR #7 OR #8 OR#9 OR #10 OR #11	1,801
#13	#4 OR #12	20,507
#14	Gaucher disease[MeSH] OR Gaucher[Text Word]	116
#15	#13 AND #14	90