

# Clinical trials of evolocumab

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## 1 cardiovascular prevention

Trial	Treatments	Patients	Trials design and methods
<b>evolocumab vs</b>			
<b>Mendel 1 , 2012</b> [NCT01375777] n=NA follow-up:	-	-	
<b>MENDEL 2</b> [NCT01763827] n=NA	-	-	
<b>YUKAWA-1 , 2014</b> n=NA follow-up:	-	-	
<b>evolocumab vs ezetimibe alone</b>			
<b>GAUSS 2</b> [NCT01763905] n=102/205 follow-up:	evolocumab 140 mg every two weeks (Q2W) or evolocumab 420 mg once monthly (QM) versus ezetimibe 10 mg	patients with statin intolerance	
<b>evolocumab vs placebo</b>			
<b>GAUSS 1 , 2012</b> [NCT01375764] n=95/32 follow-up:	-	statin-intolerant patients	
<b>evolocumab vs placebo (on top statins)</b>			
<b>DESCARTES , 2014</b> [NCT01516879] n=599/302 follow-up: 52 weeks	evolocumab (420 mg) every 4 weeks versus placebo	-	
<b>FOURIER , 2017</b> [NCT01764633] n=NA follow-up: 2.2 years	evolocumab (either 140 mg every 2 weeks or 420 mg monthly) versus placebo	patients with atherosclerotic cardiovascular disease and LDL cholesterol levels of 70 mg per deciliter (1.8 mmol per liter) or higher who were receiving statin therapy	Parallel groups double-blind

continued...

Trial	Treatments	Patients	Trials design and methods
LAPLACE 2 , 2014 [NCT01763866] n=1117/558 follow-up:	evolucumab + statin versus placebo + statin	-	
LAPLACE-TIMI 57 [NCT01380730] n=NA follow-up:	subcutaneous injections of AMG 145 70 mg, 105 mg, or 140 mg, versus placebo	-	
RUTHERFORD-1 [NCT01375751] n=111/56 follow-up:	AMG 145 350 mg, AMG 145 420 mg versus placebo	heterozygous familial hypercholesterolemia patients	
RUTHERFORD-2 , 2015 [NCT01763918] n=220/109 follow-up:	subcutaneous evolucumab 140 mg every 2 weeks, evolucumab 420 mg monthly versus placebo	heterozygous familial hypercholesterolaemia	

More details and results :

- PCSK9 Inhibitors for cardiovascular prevention in all type of patients at <http://www.trialresultscenter.org/go-Q599>
- on top statins for cardiovascular prevention in all type of patients at <http://www.trialresultscenter.org/go-Q722>

## References

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Entry terms: AMG 145, evolocumab, AMG-145, Repatha