#### 19th September 2016

#### Healthcare

#### Novo Nordisk

#### Price DKK307.50

Bloomberg Reuters 12-month High / Low (DKK) Market Cap (DKKm) Avg. 6m daily volume (000)			NOVOB DC NOVOB.CO 404.2 / 296.1 618,863 2 790	
	1 M	3 M	6 M 3	1/12/15
Absolute perf.	-0.7%	-9.1%	-18.2%	-23.1%
Healthcare	-1.6%	5.2%	3.6%	-8.0%
DJ Stoxx 600	-1.6%	5.1%	-0.9%	-7.7%
	2015	2016e	2017e	2018e
P/E	22.7x	19.8x	18.3x	17.4x
Div yield (%)	2.1%	2.3%	2.5%	2.6%

#### SUSTAIN-6 vs. LEADER: a different picture

#### Fair Value DKK360 (+17%)

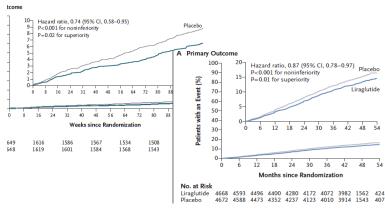
#### NEUTRAL

#### ANALYSIS

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After liraglutide at the ADA 2016 in June, Novo-Nordisk presented positive data for semaglutide in another cv outcome study called SUSTAIN-6. Although the two studies had positive primary endpoints, the results are not fully identical: on one hand, overall benefit looks greater with sema since the composite endpoint of non-fatal MI or stroke and cv death was reduced by 26% in SUSTAIN-6 compared to only 13% in LEADER, which appeared modest at the time and at the lowend of the expected range. A 26% reduction this time appears very robust for sema. Now, sema has failed to show any benefit on the specific and highly regarded component of death from cv cause (HR=0.98, p=0.92 at 2 years) whereas liraglutide showed its greatest benefit on this criteria. However the length of observation was higher in LEADER and so longer-term data in SUSTAIN-6 might result in a benefit as well. Because non-fatal MI and non-fatal stroke were very significantly reduced, by 26% and an outstanding 39% (while liragludide had no meaningful impact on stroke in LEADER) respectively.

#### Primary endpoint measures in SUSTAIN-6 (left) and LEADER (right)



 A word about safety, at least to report side effects very much in line with what is commonly reported with GLP1 analogues. Semaglutide was associated with a higher incidence of discontinuations and more unexpectedly, with a higher incidence of retinopathy complications, which may require a warning.

#### VALUATION

• As expected, with semaglutide Novo-Nordisk will have a terrific once-weekly GLP1 analogue that is likely to compete neck and neck with Lilly's Trulicity. The key question is how much it will enlarge the GLP1 market segment, not even mentioning the influence of Xultophy. If we put the three in the same category their cumulative sales could jump from DKK21bn in 2016 to DKK42bn in 2021 (BGe), with a major positive mix effect on margins (+260bp over the period).

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Eric Le Berrigaud, eleberrigaud@bryangarnier.com

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London	Paris	New York	Munich	New Delhi	
Beaufort House	26 Avenue des Champs Elysées	750 Lexington Avenue	Widenmayerstrasse 29	The Imperial Hotel Janpath New Delhi 110 001 Tel +91 11 4132 6062 +91 98 1111 5119	
15 St. Botolph Street	75008 Paris	New York, NY 10022	80538 Munich		
London EC3A 7BB	Tel: +33 (0) 1 56 68 75 00	Tel: +1 (0) 212 337 7000	Germany		
Tel: +44 (0) 207 332 2500	Fax: +33 (0) 1 56 68 75 01	Fax: +1 (0) 212 337 7002	+49 89 2422 62 11	Fax +91 11 2621 9062	
Fax: +44 (0) 207 332 2559	Regulated by the	FINRA and SIPC member		Geneva	
Authorised and regulated by the	Financial Conduct Authority (FCA) and the			rue de Grenus 7	
Financial Conduct Authority (FCA)	Autorité de Contrôle prudential et de			CP 2113 Genève 1, CH 1211	
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				Fax+4122731 3243	

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