

The View from Europe

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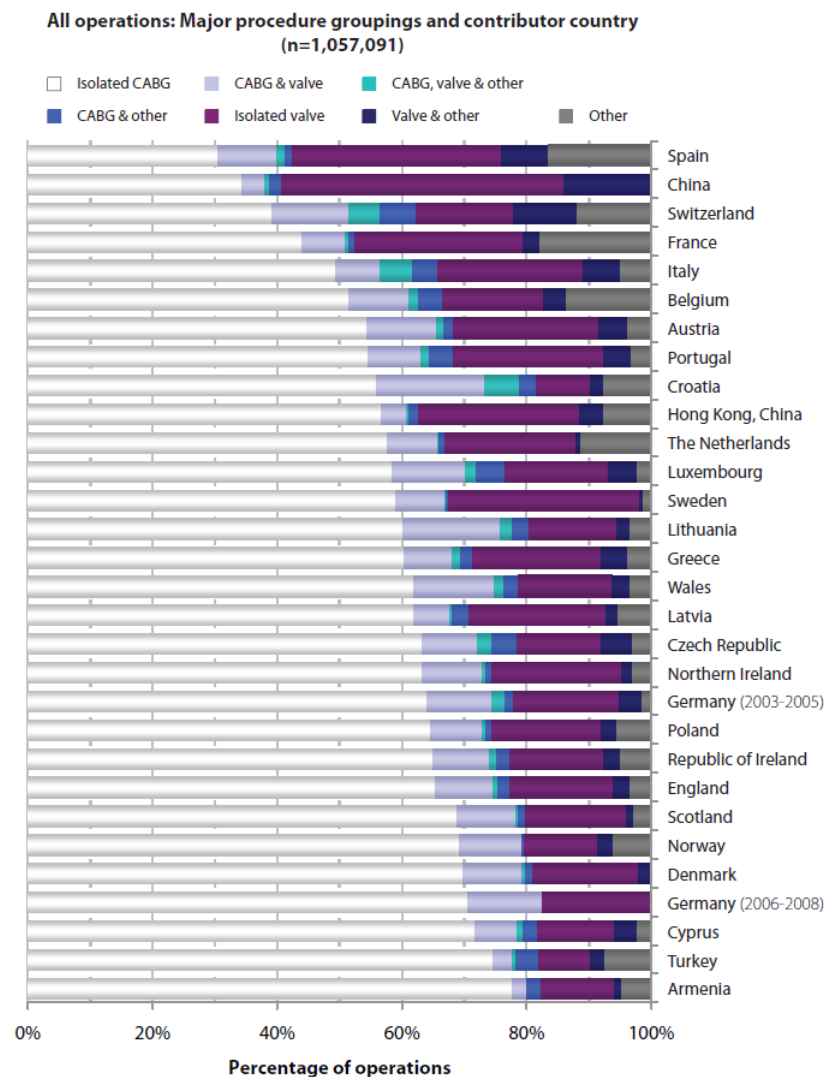


LEIDEN UNIVERSITY MEDICAL CENTER

CABG

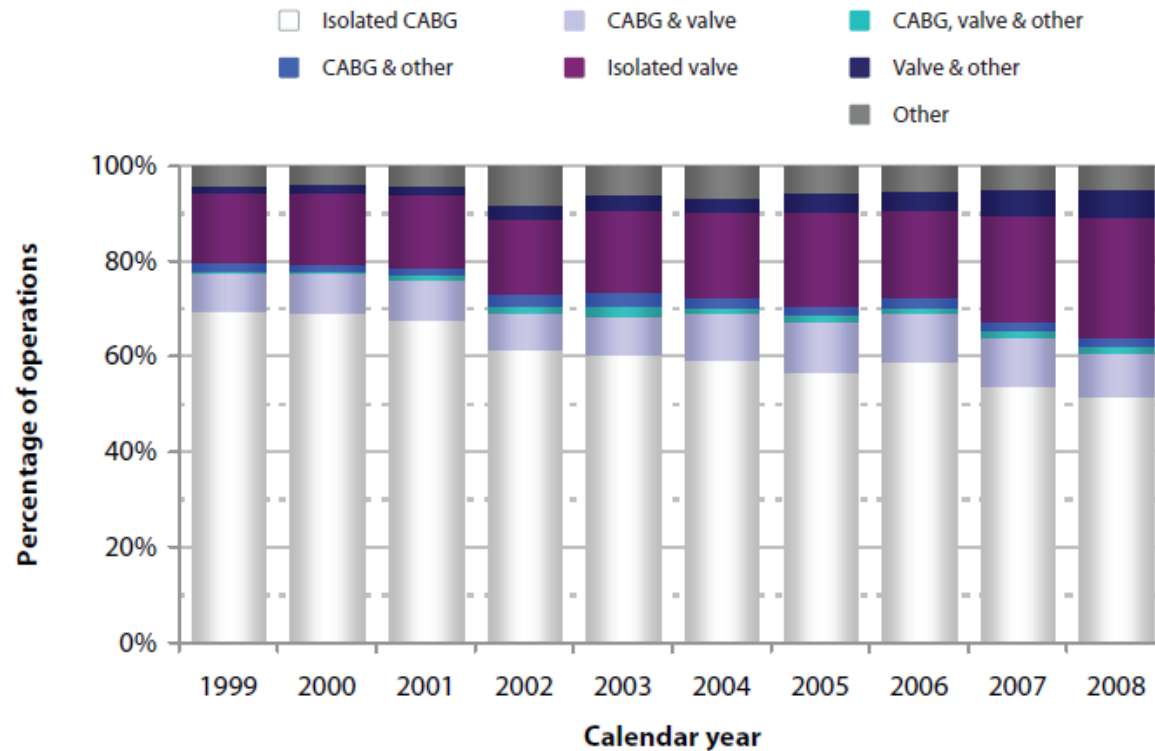
prospects and challenges in Europe

CABG vs PCI



Bridgewater B, et al. Towards Global Benchmarking: The Fourth EACTS Adult Cardiac Surgical Database Report. Henley-on-Thames: Dendrite Clinical Systems Ltd., 2010.

**All operations: Major procedure groupings;
data from Germany excluded (n=735,135)**



Bridgewater B, et al. Towards Global Benchmarking: The Fourth EACTS Adult Cardiac Surgical Database Report. Henley-on-Thames: Dendrite Clinical Systems Ltd., 2010.

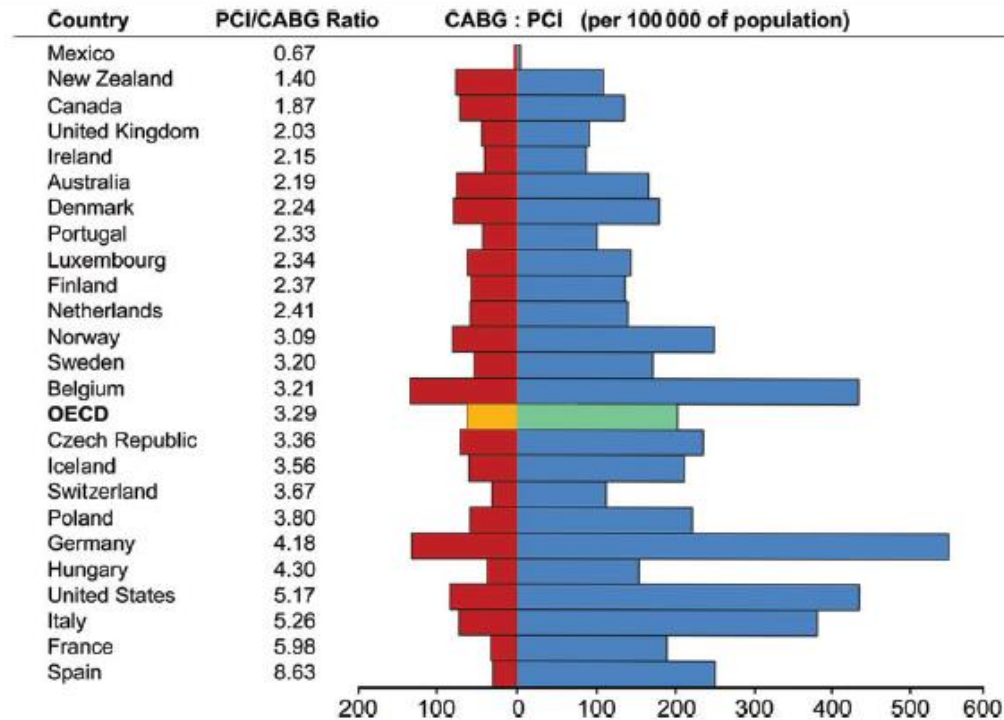


Figure 1 Revascularization procedures performed in countries throughout the Western world. Data from the Organisation for Economic Cooperation and Development (OECD) shows a great variety in the number of revascularization procedures per 100 000 inhabitants.¹³ CABG, coronary artery bypass grafting; PCI, percutaneous coronary intervention.

Organisation for Economic Co-operation and Development. *Health at a Glance 2009*. OECD Publishing: Paris, France

Head SJ et al. *Coronary artery bypass grafting vs. percutaneous coronary intervention for patients with three-vessel disease: final five-year follow-up of the SYNTAX trial.* Eur Heart J 2014;35:2821-2830.

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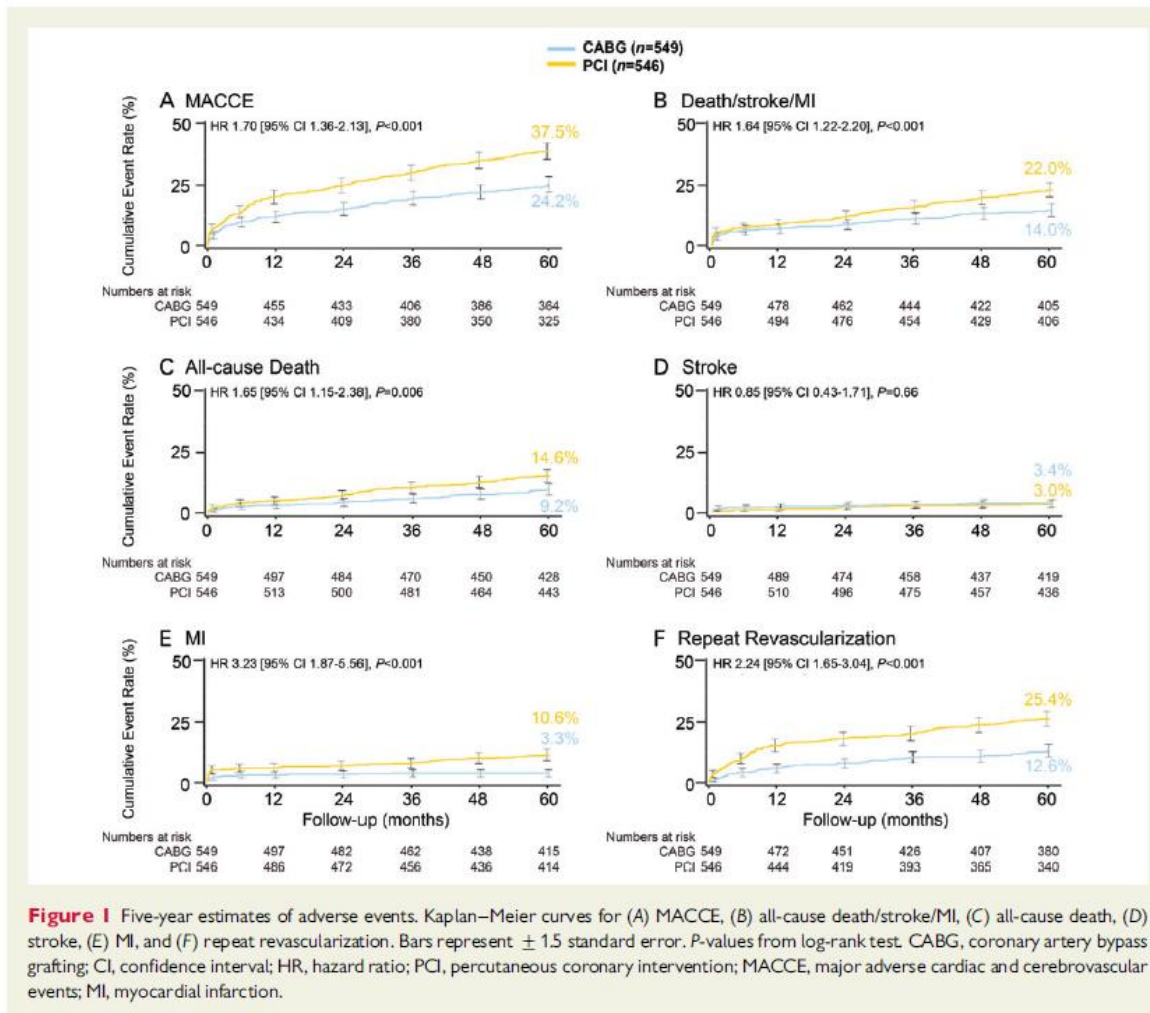
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Coronary artery bypass grafting vs. percutaneous coronary intervention for patients with three-vessel disease: final five-year follow-up of the SYNTAX trial

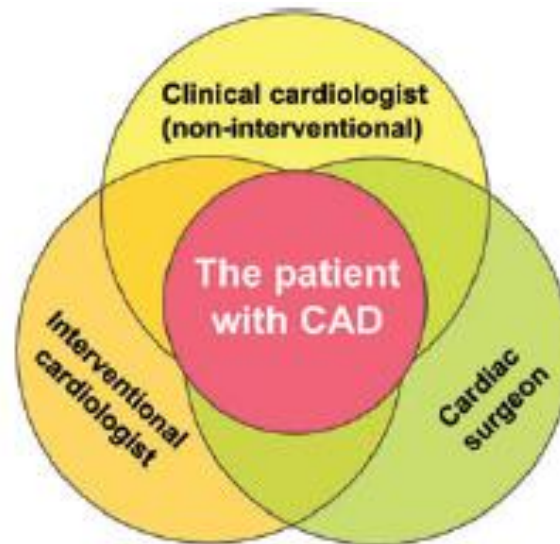
Stuart J. Head^{1†}, Piroze M. Davierwala^{2†}, Patrick W. Serruys¹, Simon R. Redwood³, Antonio Colombo⁴, Michael J. Mack⁵, Marie-Claude Morice⁶, David R. Holmes Jr⁷, Ted E. Feldman⁸, Elisabeth Ståhle⁹, Paul Underwood¹⁰, Keith D. Dawkins¹⁰, A. Pieter Kappetein¹, and Friedrich W. Mohr^{2*}

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Head SJ et al. Coronary artery bypass grafting vs. percutaneous coronary intervention for patients with three-vessel disease: final five-year follow-up of the SYNTAX trial. *Eur Heart J* 2014;35:2821-2830

HEART TEAM



Wijns W, et al, Eur Heart J 2010;31;2501-55

CABG

prospects and challenges in Europe

Increased use of arterial grafts

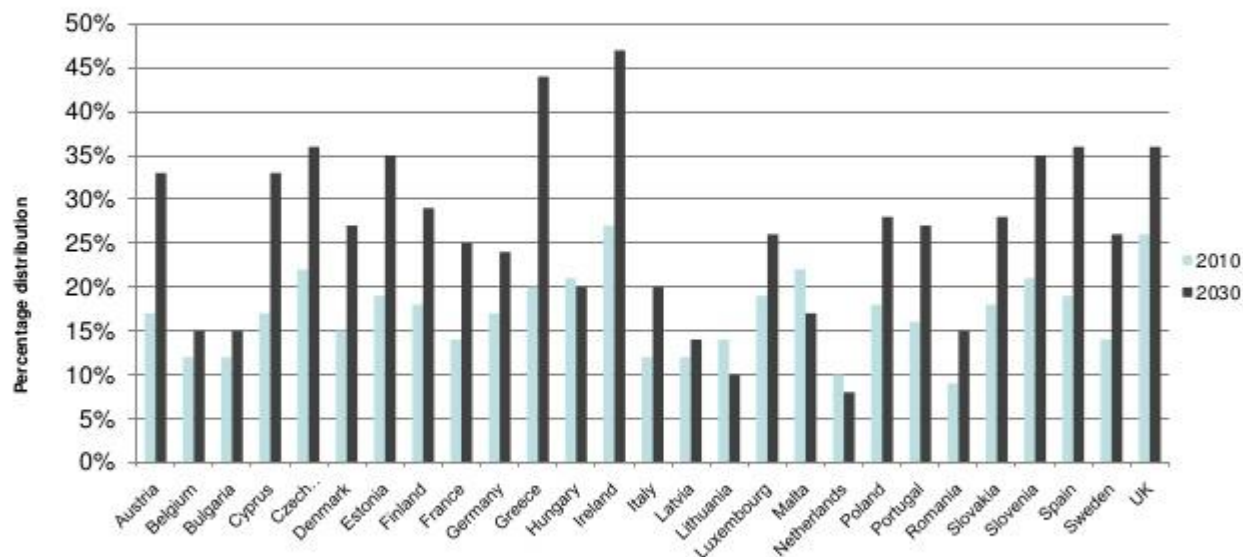
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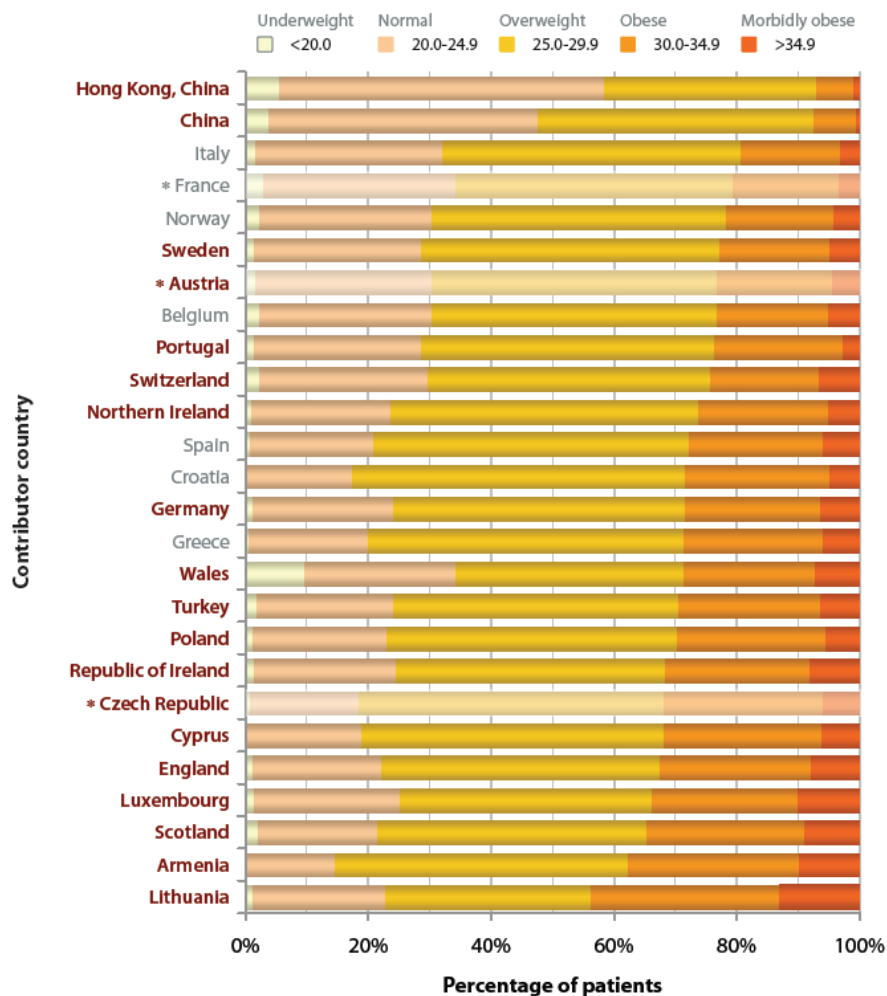


Projected obesity for 2030

WHO Modelling obesity Project 2013 together with UK Health Forum – NOPA II

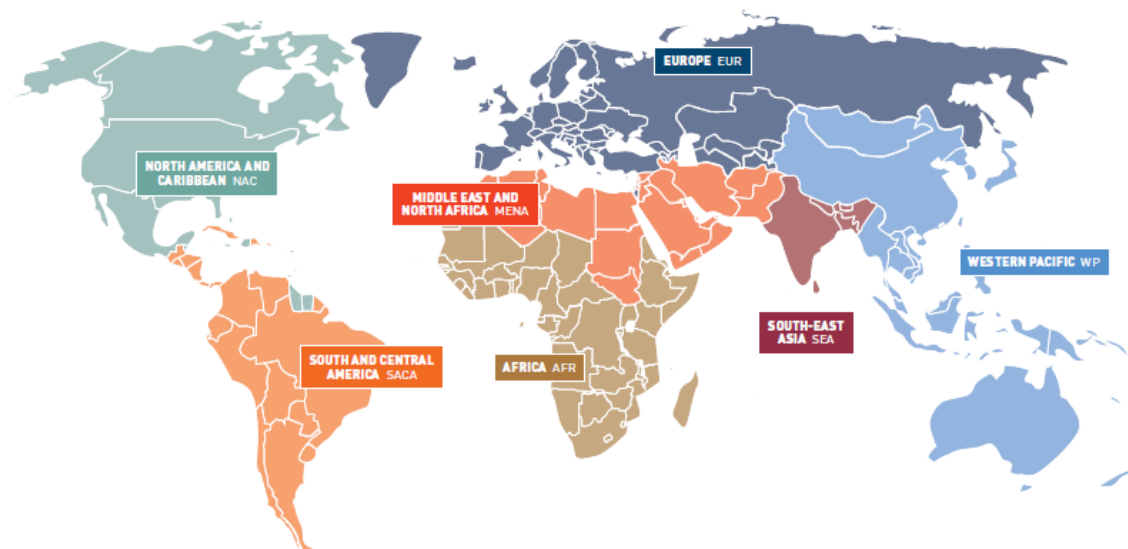









Isolated CABG: BMI distributions and contributor country;
calendar years 2006-2008 (n=237,188)



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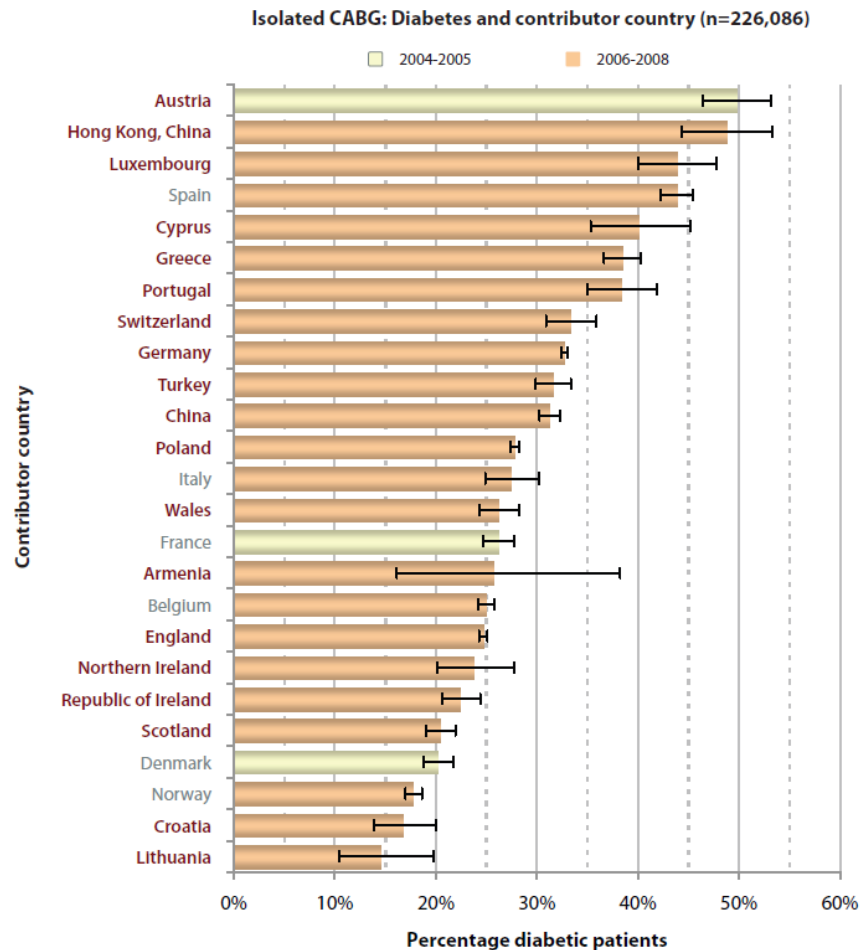
IDF Regions and global projections of the number of people with diabetes (20-79 years), 2013 and 2035



IDF REGION	2013 MILLIONS	2035 MILLIONS	INCREASE %
 Africa	19.8	41.4	109%
 Middle East and North Africa	34.6	67.9	96%
 South-East Asia	72.1	123	71%
 South and Central America	24.1	38.5	60%
 Western Pacific	138.2	201.8	46%
 North America and Caribbean	36.7	50.4	37%
 Europe	56.3	68.9	22%
World	381.8	591.9	55%



IDF **DIABETES** ATLAS Sixth Edition 2013



Bridgewater B, et al. Towards Global Benchmarking: The Fourth EACTS Adult Cardiac Surgical Database Report. Henley-on-Thames: Dendrite Clinical Systems Ltd., 2010

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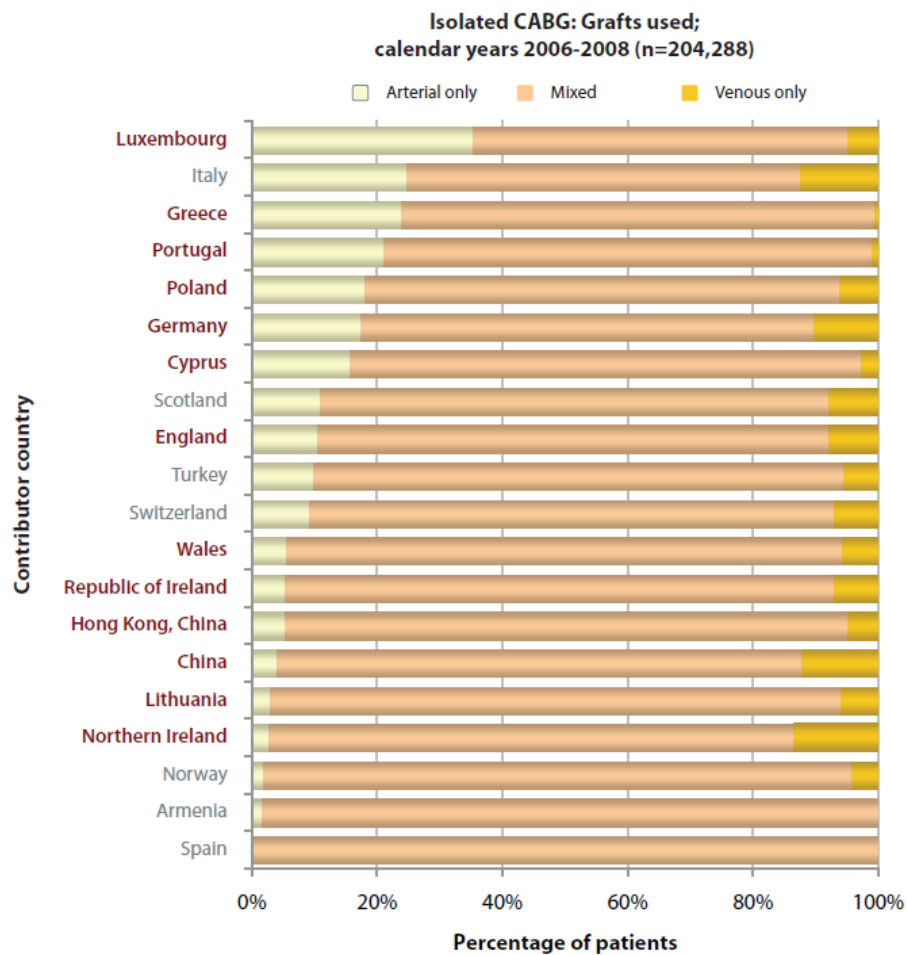
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