capsules also require further investigation. In addition to trials with clinical end points, research efforts should be focused on understanding the mechanisms by which fish oils might confer cardiac benefits. This will allow us not only to refine the clinical applications of fish oils but hopefully also to identify other therapeutic targets and help guide the development of future treatments for coronary heart disease.

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- Dyerberg J, Bang HO, Hjorne N. Fatty acid composition of the plasma
- lipids in Greenland Eskimos. Am J Clin Nutr 1975;28:958-66. Kris-Etherton PM, Taylor DS, Yu-Poth S, Huth P, Moriarty K, Fishell V, et al. Polyunsaturated fatty acids in the food chain in the United States. Am Clin Nutr 2000;71(suppl):S179-88.
- Kromhout D, Bosschieter EB, de Lezenne Coulander C. The inverse relation between fish consumption and 20-year mortality from coronary
- heart disease. N Engl J Med 1985;312:1205-9.

 Daviglus ML, Stamler J, Orencia AJ, Dyer AR, Liu K, Greenland P, et al. Fish consumption and the 30-year risk of fatal myocardial infarction. N Engl J Med 1997;336:1046-53.
- Hu FB, Bronner L, Willett WC, Stampfer MJ, Rexrode KM, Albert CM, et al. Fish and omega-3 fatty acid intake and risk of coronary heart disease in women. JAMA 2002;287:1815-21.

 Albert CM, Hennekens CH, O'Donnell CJ, Ajani UA, Carey VJ, Willett WC, et al. Fish consumption and risk of sudden cardiac death. JAMA 1988;279:23-8.
- Albert CM, Campos H, Stampfer MJ, Ridker PM, Manson JE, Willett WC, et al. Blood levels of long-chain n-3 fatty acids and the risk of sudden death. $N\,Engl\,J\,Med\,2002;346:1113-8.$
- death. N Engel June 2002;3-90:1115-6.
 Ascherio A, Rimm EB, Stampfer MJ, Giovannucci EL, Willett WC. Dietary intake of marine n-3 fatty acids, fish intake, and the risk of coronary disease among men. N Engl J Med 1995;332:977-82.

 Marckmann P, Gronbaek M. Fish consumption and coronary heart
- disease mortality. A systematic review of prospective cohort studies. Eur J Clin Nutr 1999;53:585-90.
- 10 Burr ML, Fehily AM, Gilbert JF, Rogers S, Holliday RM, Sweetnam PM, et al. Effects of changes in fat, fish, and fibre intakes on death and myocardial reinfarction: diet and reinfarction trial (DART). Lancet 1989;2:757-61.
- Dietary supplementation with n-3 polyunsaturated fatty acids and vitamin E after myocardial infarction: results of the GISSI-Prevenzione trial. Gruppo Italiano per lo Studio della Sopravvivenza nell'Infarto Miocardico. *Lancet* 1999;354:447-55.
- 12 Singh RB, Niaz MA, Sharma JP, Kumar R, Rastogi V, Moshiri M. Randomized, double-blind, placebo-controlled trial of fish oil and mustard oil in patients with suspected acute myocardial infarction: the Indian experiment of infarct survival—4. Cardiovasc Drugs Ther 1997-11-485-91
- 13 Nilsen DW, Albrektsen G, Landmark K, Moen S, Aarsland T, Woie L. Effects of a high-dose concentrate of n-3 fatty acids or corn oil introduced early after an acute myocardial infarction on serum triacylglycerol and HDL cholesterol. *Am f Clin Nutr* 2001;74:50-6.
 Burr ML, Ashfield-Watt PA, Dunstan FD, Fehily AM, Breay P, Ashton T, et
- al. Lack of benefit of dietary advice to men with angina: results of a controlled trial. Eur J Clin Nutr 2003;57:193-200.
- Christensen JH, Gustenhoff P, Korup E, Aaroe J, Toft E, Moller J, et al. Effect of fish oil on heart rate variability in survivors of myocardial infarction: a double blind randomised controlled trial. BMJ 1996;312:677-8.

- 16 Leaf A, Kang JX, Xiao YF, Billman GE. Clinical prevention of sudden cardiac death by n-3 polyunsaturated fatty acids and mechanism of preven
 - tion of arrhythmias by n-3 fish oils. *Circulation* 2003;107:2646-52. Mori TA, Beilin LJ, Burke V, Morris J, Ritchie J. Interactions between dietary fat, fish, and fish oils and their effects on platelet function in men at risk of cardiovascular disease. *Arterioscler Thromb Vasc Biol* 1997;17:279-86.
- 18 Kristensen SD, Iversen AM, Schmidt EB. n-3 polyunsaturated fatty acids
- and coronary thrombosis. *Lipids* 2001;36(suppl):\$79-82.

 19 Thies F, Garry JM, Yaqoob P, Rerkasem K, Williams J, Shearman CP, et al. Association of n-3 polyunsaturated fatty acids with stability of atherosclerotic plaques: a randomised controlled trial. *Lancet* 2003;361:477-85.
- Heller A, Koch T, Schmeck J, van Ackern K. Lipid mediators in inflammatory disorders. *Drugs* 1998;55:487-96
- De Caterina R, Liao JK, Libby P. Fatty acid modulation of endothelial activation. Am J Clim Nutr 2000;71(suppl):S213-223.
 Geleijnse JM, Giltay EJ, Grobbee DE, Donders AR, Kok FJ. Blood pressure response to fish oil supplementation: metaregression analysis of
- pressure response to list oil supplementation: metaregression analysis of randomized trials. J Hypertens 2002;20:1493-9.

 Kris-Etherton PM, Harris WS, Appel LJ for the Nutrition Committee. AHA scientific statement. Fish consumption, fish oil, omega-3 fatty acids, and cardiovascular disease. Circulation 2002;106:2747-57.
- 24 Guallar E, Sanz-Gallardo MI, van't Veer P, Bode P, Aro A, Gomez-Aracena J, et al. Mercury, fish oils, and the risk of myocardial infarction. Heavy Metals and Myocardial Infarction Study Group. N Engl J Med 2002;347:1747-54.

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Corrections and clarifications

Editor's Choice and the filler "An extreme failure of concordance" In his Editor's Choice of 11 October, Richard Smith wrote about the failure of communication between a Hmong family in California with a daughter with severe epilepsy and the Californian healthcare system—as described in a book from which we published an extract in the same issue (as a "filler," p 867). Unfortunately, Smith said that Lia had now died. He was wrong to say this; she is still alive. Anne Fadiman, the author of the book (The Spirit Catches You and You Fall Down) has asked us to make clear that "Lia suffered profound neurological damage after an episode of status epilepticus and that the parents thought that the doctors and their drugs had injured her rather than helped." In the filler, we also misspelt the first name of the book's author and introduced a rogue apostrophe into the word "fractions." We apologise for these errors to all concerned.

Communicating risks at the population level: application of population impact

Richard F Heller and colleagues have reported an error in their Education and Debate article (15 November, pp 1162-5) that was due to a little recognised problem in calculating population attributable risk for multiple levels of exposure. This led to an overestimation of population attributable risk in table 2, which shows the impact of blood cholesterol concentration on premature death from coronary heart disease (p 1164). However, this does not alter the general conclusion drawn from the table (that the population impact of cholesterol concentrations of 5.2-6.5 mmol/l and of 6.5-7.8 mmol/l is larger than that of concentrations above 7.8 mmol/l) or the substance of the article. Full details of the correct calculations and the corrected table 2 appear on bmj.com (http://bmj.bmjjournals.com/cgi/content/full/327/7424/ 1162/DC1).

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