- 10 Heller R. Evidence for population health. Oxford: Oxford Medical Publications,
- 11 Heller RF, Buchan I, Edwards R, et al. Communicating risks at the population level: application of population impact numbers. BMJ 2003·**327**·1162–5
- 12 Office for National Statistics. 2005. http://neighbourhood.statistics.gov.uk (accessed 27 Jun 2005)
- Harrison RA, Holt D, Elton PJ. Do postage stamps increase response rates to postal health surveys? A randomised controlled trial. Int J Epidemiol 2002:31:872-4
- Office for National Statistics. Census 2001. General report for England and Wales. London: Palgrave Macmillan, 2005.
- Townsend P, Phillimore P, Beattie A. Health and deprivation: inequality and the North, London: Croom Helm, 1988.
- 16 Adams J, Ryan V, White M. How accurate are Townsend Deprivation Scores as predictors of self-reported health? A comparison with individual level data. Public Health 2004;27:101-6.
- 17 Godin G. Shephard R. A simple method to assess exercise behavior in the community. Can J Appl Sports Sci 1985;10:141-6.
- 18 **Zou G**. A modified Poisson regression approach to prospective studies with binary data. Am J Epidemiol 2004;159:702-6.
- 19 Hanley JA. A heuristic approach to the formulas for population attributable fraction. J Epidemiol Community Health 2001;55:508-14.
- 20 **Gemmell I**, Heller RF, McElduff P, *et al.* Population impact of stricter adherence to recommendations for pharmacological and lifestyle interventions over one year in patients with coronary heart disease. J Epidemiol Community Health

- 21 Hillsdon M, Thorogood M, Murphy M, et al. Can a simple measure of vigorous physical activity predict future mortality? Results from the OXCHECK study. Public Health Nutr 2003:7:557-62.
- 22 Hill A, Roberts J, Éwings P, et al. Non-response bias in a lifestyle survey. J Public Health 1997:19:203-
- Foster C, Hillsdon M, Thorogood M. Environmental perceptions and walking in English adults. *J Epidemiol Community Health* 2004;**58**:924–8.
- 24 Li F, Fisher J, Brownson RC, et al. Multilevel modelling of build environment
- characteristics related to neighbourhood walking activity in older adults. J Epidemiol Community Health 2005;59:558–64.

 Wilson DK, Kirtland KA, Ainswort BE, et al. Socioeconomic status and perceptions of access and safety for physical activity. Ann Behav Med 2004;28:20–8.
- Morbidity Mortality Weekly Reports. Perceptions of neighbourhood characteristics and leisure-time physical inactivity—Austin/Travis County, Texas, 2004. MMWR 2005;54:926-8.
- Van Lenthe FJ, Brug J, Mackenback JP. Neighbourhood inequalities in physical inactivity: the role of neighbourhood attractiveness, proximity to local facilities and safety in the Netherlands. Soc Sci Med 2005;60:763–75.
 Ball K, Bauman A, Leslie E, et al. Perceived environmental aesthetics and
- convenience and company are associated with walking for exercise among Australian adults. *Prev Med* 2001;**33**:434–40.
- 29 Booth ML, Owen N, Bauman A, et al. Social-cognitive and perceived environmental influences associated with physical activity in older Australians. Prev Med 2000;31:15-22.
- 30 Parks SE, Housemann RA, Brownson RC. Differential correlates of physical activity in urban and rural adults of various socio-economic backgrounds in the United States. J Epidemiol Community Health 2003;57:29–35.

SPEAKER'S CORNER.....

Patient centredness

atient centredness is one of the current buzz phrases in the British National Health Service. At its best, the term expresses a great aspiration, a wish for health professionals to engage with patients as equal partners at a deep level that includes understanding both their illness and what it will mean for patients in their life context.1 However, there are difficulties with the concept, both at the level of its definition and in its implementation.2

At its worst, it is simply a buzz phrase, which sounds good and allows managers and politicians to seem to be on the patient's side. In the wider economic sphere, Zuboff and Maxmin⁴ draw attention to the fact that many organisations that claim to be "customer focused" actually are not. Perhaps patient centredness is the health sector's equivalent term.

It is not always clear at what level patient centredness should apply. Is it at the level of individual doctors and patients? Is it at the level of the whole system? The idea that a healthcare system that has to provide care to millions of patients can be focused on one individual patient is clearly impossible.

It is far from clear that the health service should be entirely patient centred. The health service must exist to meet the needs of patients (if it does not do this, it has no function). The health service cannot conceivably meet the needs of patients solely by focusing on them.

Indeed, a one-sided approach focused solely on patients risks alienating health professionals by playing down the importance of their professional knowledge and skill. The knowledge of medicine, and related professions, is entirely patient centred in that it is all ultimately derived from the study of patients. It has only one purpose, which is to help patients, and it is only brought to fruition when this goal is achieved.

The argument should not be about patient or professional centredness. The key unit of medicine is the professionalpatient dyad, the interaction in which hopefully the professional and the patient come to a useful shared understanding of the patient's illness or predicament.5

A truly patient-centred National Helth Service would support both sides of the professional-patient dyad appropriately, and would not look to champion one against the other. It would be a shame if the ideal of patient centredness was lost to one-sided interpretations of the term.

Correspondence to: Peter G Davies, Keighley Road Surgery, Illingworth, Halifax HX2 9LL, UK; npgdavies@blueyonder.co.uk

References

- Stewart M. Towards a global definition of patient-centred care. BMJ 2001;322:444-5.
- 2 Elwyn G. Idealistic, impractical, impossible? Shared decision making in the real world. Br J Gen Pract 2006;56:403-4.
- 3 Davies P. The beleaguered consultation. Br J Gen Pract 2006;56:226-9.
- 4 Zuboff S, Maxmin J. The support economy. New York: Penguin Books, 2002.
- 5 Neighbour R. The inner consultation 2nd edn. Oxford: Radcliffe Medical 2000.