

Online Supplementary Material

Østbye T, Yarnall KS, Krause KM, Pollak KI, Gradison M, Michener JL. Is there time for management of patients with chronic diseases in primary care? *Ann Fam Med* 2005;3:209-214.

<http://www.annfammed.org/cgi/content/full/3/3/209/DC1>

**Supplemental Appendix. Total Time Required to Provide Recommended Chronic Disease Care for Standard Panel of Patients for 1 Year (Concise Notation)**

In general, the total time required to provide recommended chronic disease care for the full standard patient panel for 1 year can be expressed as:

$$\sum_{d=1}^x \sum_{a=1}^m (n * p_c * f_c * t) \quad + \quad \sum_{d=1}^x \sum_{a=1}^m (n * p_u * f_u * t)$$

where:

$$\sum_{d=1}^x = \text{sum over diseases 1 to } x;$$

$$\sum_{a=1}^m = \text{sum over age-groups 1 to } m \text{ for a specific disease;}$$

and:

$n$  = the number of individuals in the panel in the age-group;

$p_c$  and  $p_u$  = the prevalences of patients in the age-group, with controlled and uncontrolled disease, respectively;

$f_c$  and  $f_u$  = the annual number of visits recommended for patients with controlled and uncontrolled disease, respectively; and

$t$  = the time per visit (for disease  $x$ ).