

FIGURE 17.1 (a) Diffusion-layer model of dissolution. (b) Interfacial barrier model of dissolution.

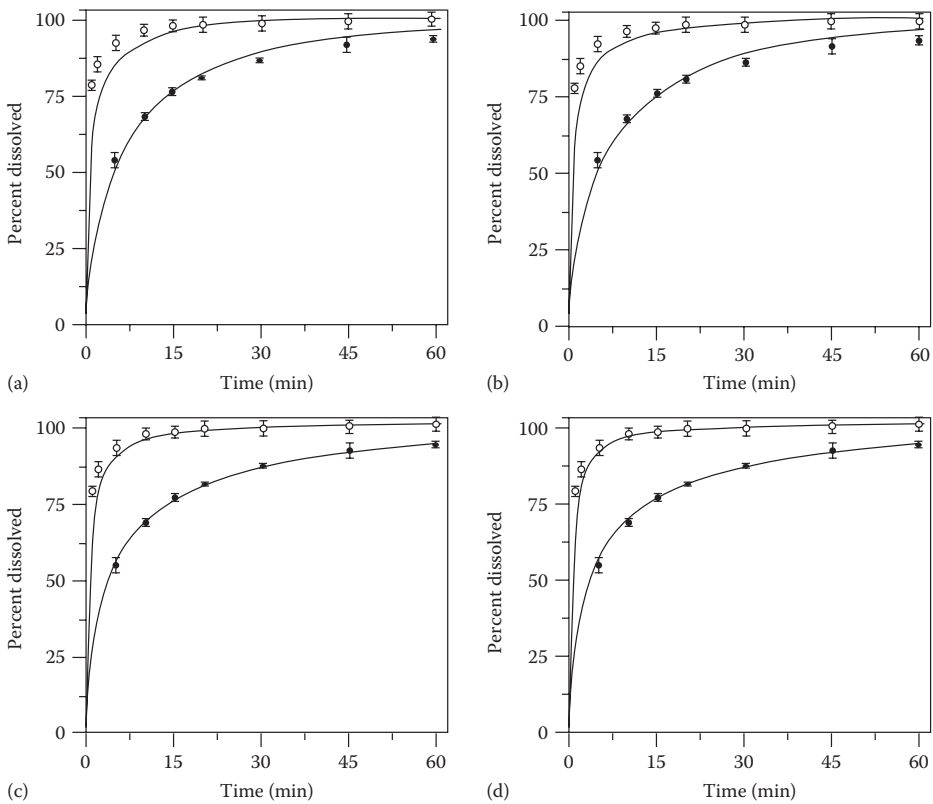


FIGURE 17.2 Dissolution profiles of fine (open circles) and coarse (filled circles) hydrocortisone (Lu et al., 1993). Simulated curves were drawn using spherical geometry without (a) and with (b) a time-dependent diffusion-layer thickness and cylindrical geometry without (c) and with (d) a time-dependent diffusion-layer thickness. Error bars represent 95% CI ($n = 3$). (Reprinted from Lu, A. T. K. et al. *Pharm. Res.*, 10, 1308–1314, 1993, Copyright 1993. With permission from Kluwer Academic Plenum Publishers.)