

■ FIGURE 12.12 Drinking and Blood Alcohol Level

The change in blood alcohol concentration is related to both how much alcohol is consumed and how fast. This figure shows blood alcohol concentration (BAC) after the rapid consumption of different amounts of alcohol by eight adult fasting male subjects. Note the number of hours it takes for BAC to return to zero.

Source: From Wilkinson, Paul K.; Sedman, Allen J.; Sakmar, Ermelinda; Kay, Donald R.; Wagner, John G. (1977). "Pharmacokinetics of ethanol after oral administration in the fasting state." *Journal of Pharmacokinetics and Biopharmaceutics* 5 (3): 207–224.; with kind permission from Springer Science+Business Media B.V.

