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## Further Readings for Ch. 34

- Borst, C. October 2000. Operating on a beating heart. *Scientific American* 283(4):58. Article discusses new techniques in performing coronary bypass operations.
- Cooper, R. S., et al. February 1999. The puzzle of hypertension in African-Americans. *Scientific American* 280(2):56. The discrepancy between high blood pressure in African Americans and low blood pressure in Africans demonstrates how genes and the environment interact.
- Ditlea, S. July 2002. The trials of an artificial heart. *Scientific American* 287(1):61. A year after doctors began implanting a new type of artificial heart into dying patients, the prospects of the device are uncertain.
- Jain, R. and Carmeleit, P. December 2001. Vessels of death or life. *Scientific American* 286(5):38. Angiogenesis might one day be manipulated to treat various human disorders—first generation drugs are in the final phase of human testing.
- Jordan, V. C. October 1998. Designer estrogens. *Scientific American* 279(4):60. Selective estrogen receptor modulators may protect against breast and endometrial cancers, osteoporosis, and heart disease.
- Mader, S. S. 2001. *Human biology*. 7th ed. Dubuque, Iowa: WCB/McGraw-Hill, Inc. A student-friendly text that covers the principles of biology with emphasis on human anatomy and physiology.
- Mader, S. S. 2000. *Understanding anatomy and physiology*. 4th ed. Dubuque, Iowa: Wm. C. Brown Publishers. A text that emphasizes the basics for beginning allied health students.
- Mehler, R. and Sompayrac, L. 2001. *How the circulatory system works*. Blackwell Science, Inc. Easily understood lectures emphasize concepts of the circulatory system.
- Nucci, M. L., and Abuchowski, A. February 1998. The search for blood substitutes. *Scientific American* 278(2):72. Artificial blood substitutes based on hemoglobin are being developed from synthetic chemicals.
- White, R. September 1998. Weightlessness and the human body. *Scientific American* 279(3):58. Space medicine is providing new ideas about treatment of osteoporosis and anemia.