

CONTINUING EDUCATION TEST

Technetium-99m Tetrofosmin: A New Myocardial Perfusion Agent

For each of the following questions, select the best answer. Then circle the number on the CE Tests Answer Sheet that corresponds to the answer you have selected. Keep a record of your responses so that you can compare them with the correct answers, which will be published in the next issue of the *Journal*. Answers to these test questions should be returned on the Answer Sheet no later than February 15, 1994. Supply your name, address, and VOICE number in the spaces provided on the Answer Sheet. Your VOICE number appears on the upper left hand corner of your *Journal* mailing label. No credit can be recorded without it. A 70% correct response rate is required to receive 0.1 CEU credit for this article. Members participating in the continuing education activity will receive documentation on their VOICE transcript, which is issued in March of each year. Nonmembers may request verification of their participation but do not receive transcripts.

A. *Tetrofosmin forms a _____.*

- 101. hydrophilic cationic complex
- 102. hydrophilic anionic complex
- 103. lipophilic cationic complex
- 104. lipophilic anionic complex

B. *Tetrofosmin appears to overestimate true blood flow at low flows and underestimates true blood flow at higher flows.*

- 105. true
- 106. false

C. *High quality images of the heart can be obtained at _____, with stable myocardial distribution over _____.*

- 107. 2 min, 2 hr
- 108. 5 hr, 10 hr
- 109. 5 min, 4 hr
- 110. 20 min, 5 hr

D. *Tetrofosmin shows redistribution within 3 hr postinjection.*

- 111. true
- 112. false

E. *Tetrofosmin comes in a freeze-dried kit and after reconstitution is stable for _____.*

- 113. 2 hr
- 114. 4 hr
- 115. 8 hr
- 116. 12 hr

F. *Myocardial perfusion imaging utilizing tetrofosmin is performed _____ post stress injection and _____ post second injection*

- 117. 30–60 min, 30–60 min
- 118. 15–30 min, 10–15 min
- 119. 2–5 min, 60–90 min

G. *In comparison to sestamibi, tetrofosmin shows _____.*

- 120. slower lung and liver clearance
- 121. significantly faster lung and liver clearance
- 122. no appreciable difference in lung and liver rates
- 123. no clearance from the lung and liver