

34. Koitabashi Y, Kumai T, Matsumoto N, Watanabe M, Sekine S, Yanagida Y, Kobayashi S: Orange juice increased the bioavailability of pravastatin, 3-hydroxy-3-methylglutaryl CoA reductase inhibitor, in rats and healthy human subjects. *Life Sci* 2006; 78:2852-9
35. Yu CK, Li YH, Wong GT, Wong TM, Irwin MG: Remifentanyl preconditioning confers delayed cardioprotection in the rat. *Br J Anaesth* 2007; 99:632-8
36. Zhang Y, Irwin MG, Wong TM, Chen M, Cao CM: Remifentanyl preconditioning confers cardioprotection *via* cardiac  $\kappa$ - and  $\delta$ -opioid receptors. *ANESTHESIOLOGY* 2005; 102:371-8
37. Boengler K, Schulz R, Heusch G: Loss of cardioprotection with ageing. *Cardiovasc Res* 2009; 83:247-61
38. Saito W, Noguchi K, Okazaki K, Matsuda T, Kato Y, Tanaka H, Shigenobu K: Temperature-sensitive effects of potassium channel openers on isolated guinea pig myocardium and aorta. *J Cardiovasc Pharmacol* 1998; 31:327-9
39. Gateau-Roesch O, Argaud L, Ovize M: Mitochondrial permeability transition pore and postconditioning. *Cardiovasc Res* 2006; 70:264-73
40. Dow J, Bhandari A, Kloner RA: Ischemic postconditioning's benefit on reperfusion ventricular arrhythmias is maintained in the senescent heart. *J Cardiovasc Pharmacol Ther* 2008; 13:141-8
41. Sivaraman V, Mudalagiri NR, Di Salvo C, Kolvekar S, Hayward M, Yap J, Keogh B, Hausenloy DJ, Yellon DM: Postconditioning protects human atrial muscle through the activation of the RISK pathway. *Basic Res Cardiol* 2007; 102:453-9

## ANESTHESIOLOGY REFLECTIONS

Egidius' 1484 *De Pulsibus*: The First Printed Book on the Pulse

From Cos' Hippocrates, Pergamon's Galen, Baghdad's al-Rhazi, and Kairouan's Israeli, medical wisdom was passed in Salerno, Italy to Egidius Corboliensis (c.1140–c.1224), who had been born in France as "Pierre-Gilles de Corbeil." Continuing as a Salernitan medical schoolmaster, Egidius composed 380 lines of Latin verse, his *De Pulsibus*, as a handwritten mnemonic for students learning Galenic pulsology. Not actually printed until 1484, this Paduan imprinting made extensive use of abbreviations, contractions, and symbols to preserve either verse (dactylic hexameter) or vellum (or, in this case, rag paper). Wasted pages could also be avoided in 1484 by forsaking the then recent invention of the title page for the classic colophon ("summit" or "culmination") of authorship wedged onto the bottom of the final page (above). In purple beneath the colophon is the stamp of the library which deaccessioned this book and unwittingly provided provenance for the Wood Library-Museum's copy of the "world's first printed book on the pulse." (Copyright © the American Society of Anesthesiologists, Inc.)

George S. Bause, M.D., M.P.H., Honorary Curator, ASA's Wood Library-Museum of Anesthesiology, Park Ridge, Illinois, and Clinical Associate Professor, Case Western Reserve University, Cleveland, Ohio. UJYC@aol.com.