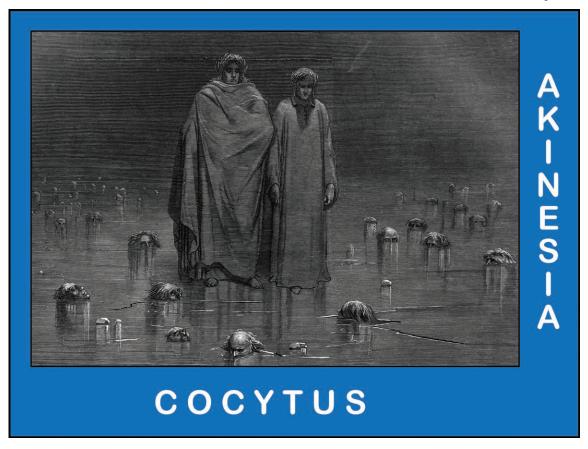
- Lin EP, Aronson LA: Successful resuscitation of bupivacaineinduced cardiotoxicity in a neonate. Paediatr Anaesth 2010; 20:955–7
- 28. Briscoe CP, Tadayyon M, Andrews JL, Benson WG, Chambers JK, Eilert MM, Ellis C, Elshourbagy NA, Goetz AS, Minnick DT, Murdock PR, Sauls HR Jr, Shabon U, Spinage LD, Strum JC, Szekeres PG, Tan KB, Way JM, Ignar DM, Wilson S, Muir AI: The orphan G protein-coupled receptor GPR40 is activated by medium and long chain fatty acids. J Biol Chem 2003; 278:11303–11
- 29. Itoh Y, Kawamata Y, Harada M, Kobayashi M, Fujii R, Fukusumi S, Ogi K, Hosoya M, Tanaka Y, Uejima H, Tanaka H, Maruyama M, Satoh R, Okubo S, Kizawa H, Komatsu H, Matsumura F, Noguchi Y, Shinohara T, Hinuma S, Fujisawa Y, Fujino M: Free fatty acids regulate insulin secretion from pancreatic beta cells through GPR40. Nature 2003; 422:173–6
- 30. Kotarsky K, Nilsson NE, Flodgren E, Owman C, Olde B: A human cell surface receptor activated by free fatty acids and thiazolidinedione drugs. Biochem Biophys Res Commun 2003; 301:406–10

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Streams of Unconsciousness IV: Akinesia Reflected in the Cocytus



For Dante's *Divine Comedy*, French illustrator Gustave Doré (1832 to 1883) depicted the souls of dead traitors as frozen into the Greco-Roman Underworld's River of Lamentation—the Cocytus (*above*). The poets walking across the icy Cocytus are Virgil and the shorter Dante. With the poetic license exercised by Dante, Hade's rivers Lethe, Styx, and Acheron can be understood to supply amnesia, hypnosis, and analgesia, respectively—later considered as hallmarks of general anesthesia. By immobilizing traitors in ice, the Cocytus, a fourth plutonic river, reflected akinesia, a fourth property of general anesthesia. A little more than a century after Doré published this image, immobility helped define the minimum alveolar concentration or MAC of anesthetic vapors. (Copyright © the American Society of Anesthesiologists' Wood Library-Museum of Anesthesiology.)

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