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Injury, Inflammation, and Sepsis: Laboratory and Clinical Approaches

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COVER: Pigs treated with EPO after transplantation of donor organs recovered after cardiac death (DCD) grafts demonstrated less renal tissue architectural changes such as nuclear condensation, loss of significant numbers of nuclei, cytoplasmic swelling, and cellular debris in the tubular lumen when compared with animals subjected to transplantation of DCD grafts only. Reference group: unmanipulated animals; control: animals subjected to conventional kidney transplant with grafts preserved for 24 h in cold storage with Celsior; DCD: animals subjected to kidney transplant with grafts from cardiac death donors subjected to 30 min of warm ischemia before explantation and then preserved for 24 h in cold storage with Celsior; and EPO + DCD: pretreatment of the donor with 1,000 IU/kg of EPO 30 min before cardiac arrest, followed by the same procedure as the DCD group. Original magnification \times 400. See Maio et al., pages 126–133, 2011.