SHOCK[®]

Injury, Inflammation, and Sepsis: Laboratory and Clinical Approaches

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COVER: Burned patients typically had impaired insulin signaling, decreasing insulin uptake by the cells and affecting the mitochondrial oxidation. Metformin primarily acts by reducing hepatic glucose production. Fenofibrate attenuates insulin resistance by acting in the signaling and decreasing mitochondrial oxidation of intracellular glucose. Metformin decreases hepatic gluconeogenesis and improves insulin sensitivity. See Mecott et al., pages 5–13, 2010.