

Ronco C, Bellomo R, Kellum JA (eds): Acute Kidney Injury.
Contrib Nephrol. Basel, Karger, 2007, vol 156, pp 434–443

.....

The DOse REsponse Multicentre International Collaborative Initiative (DO-RE-MI)¹

G. Monti^a, M. Herrera^g, D. Kindgen-Milles^h, A. Marinhoⁱ, D. Cruz^b,
F. Mariano^c, G. Gigliola^d, E. Moretti^e, E. Alessandri^f, R. Robert^j, C. Ronco^b

^aDepartment of Anesthesiology and Intensive Care, Hospital Niguarda, Milan,

^bDepartment of Nephrology, Hospital San Bortolo, Vicenza, ^cDepartment of Nephrology and Dialysis Unit, CTO Hospital, Turin, ^dDepartment of Nephrology, Hospital Santa Croce e Carle, Cuneo, ^eDepartment of Anesthesiology and Intensive Care, Hospital Riuniti di Bergamo, Bergamo, and ^fDepartment of Anesthesiology and Intensive Care, Umberto I Hospital, Rome, Italy; ^gRegional Hospital, Malaga, Spain;

^hAnesthesiology Clinic, University of Düsseldorf, Düsseldorf, Germany;

ⁱAnesthesiology and Intensive Care Unit, Hospital Geral Sant Antonio, Porto, Portugal; ^jI Department of Intensive Care, University of Poitiers, Poitiers, France

Abstract

Background: Current practices for renal replacement therapy (RRT) in ICU remain poorly defined. The observational DOse REsponse Multicentre International collaborative initiative (DO-RE-MI) survey addresses the issue of how the different modes of RRT are currently chosen and performed. The primary endpoint of DO-RE-MI will be the delivered dose versus in ICU, 28-day, and hospital mortality, and the secondary endpoint, the hemodynamic response to RRT. Here, we report the first preliminary descriptive analysis after 1-year recruitment. **Methods:** Data from 431 patients in need of RRT with or without acute renal failure (mean age 61.2 ± 15.9) from 25 centers in 5 countries (Spain, Italy, Germany, Portugal, France) were entered in electronic case report forms (CRFs) available via the website acutecarevision.net. **Results:** On admission, 51% patients came from surgery, 36% from the

¹*Scientific Committee:* Germany: D. Kindgen-Milles; France: D. Journois (Paris), R. Robert (Poitiers); Italy: R. Fumagalli (Milan), C. Ronco (Vicenza), S. Vesconi (Milan); Spain: J. Maynar (Vitoria); Portugal: A. Marinho (Porto); *Steering Committee:* Germany: J.A. Amman (Düsseldorf); Italy: A. Brendolan (Vicenza), G. Monti (Milan), M. Formica (Turin), F. Mariano (Turin), M. Marchesi (Bergamo), S. Livigni (Turin), M. Maio (Turin), D. Silengo (Turin).