

## Special issue on

# Performance Measurement in the Health sector: Uses of Frontier Efficiency Methodologies and Multi-Criteria Decision Making

## Journal of Medical Systems

**Guest editors:** Dr Ali Emrouznejad and Dr Prasanta Dey  
*Aston Business School , Aston University , Birmingham, UK*



The Journal of Medical Systems provides a forum for the presentation and discussion of the increasingly extensive applications of new systems techniques and methods in hospital, clinic, and physician's office administration; pathology, radiology, and pharmaceutical delivery systems; medical records storage and retrieval; and ancillary patient-support systems. The journal publishes informative articles, essays, and studies across the entire spectrum of medical systems, from large hospital programs to novel small-scale medical services.

In recent years there has been a marked increase in the number of individuals accessing health-related authorities. This special issue aims to focus on original, applied research on Performance Measurement in Health Sector and for publication of relevant applied research to bridge the gap between managers and academia. We, therefore, seek high-quality papers that will contribute significantly to performance improvement of Health Sector.

### Subject Coverage

All applications related to health sectors are considered, e.g. in hospitals efficiency, healthcares assessment, physician performance, etc.

Methodological topics covered by this special issue include, but are not limited to, the following:

- Data Envelopment Analysis (DEA)
- Stochastic Frontier Analysis (SFA)
- Multi-criteria Decision Making (MCDM)
- Analytical Hierarchy Process (AHP)

### Manuscript Preparation

Please refer to the Journal Information and Author Guidelines for additional information on manuscript preparation at <http://www.springer.com/10916>

All manuscripts should be submitted online, at <https://www.editorialmanager.com/joms/>, when submitting the manuscript please mark it as "special issue on Performance Measurement in the Health sector"

### IMPORTANT DATES

- |               |   |  |
|---------------|---|--|
| 31 July 2009  | → | Submission Deadline<br><b>(early submission recommended, referee process starts once the paper received)</b> |
| 31 Dec 2009   | → | Notification of status & acceptance of paper   |
| 31 March 2010 | → | Revised manuscripts  |
| 31 July 2010  | → | Final version of paper   |

### Notes for Prospective Authors

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere.

### Guest Editors:

**Dr Ali Emrouznejad** ([a.emrouznejad@aston.ac.uk](mailto:a.emrouznejad@aston.ac.uk))  
*Operations & Information Management Group  
Aston Business School, Aston University  
Birmingham B4 7ET ,  
UK*

**Dr Prasanta Dey** ([p.k.dey@aston.ac.uk](mailto:p.k.dey@aston.ac.uk))  
*Operations & Information Management Group  
Aston Business School , Aston University  
Birmingham B4 7ET ,  
UK*