CALL FOR PAPERS
(Deadline for submissions, December 2010)

Operations Research for health care delivery

Special Issue of Computers & Operations Research

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Brief description of the topic: Among the many fields where operations research and computers meet, health care delivery is surely one of the more vital concern today. Health care delivery is a very relevant topic not only from the point of view of researchers, scholars and practitioners but also for the impact on public opinion all over the world and for fuelling large discussions and debates. The most challenging aspect in health care delivery stems from the high complexity of the system itself, the intrinsic uncertainty involved and its dynamic nature. The management of such systems requires not only the expertise to analyze and understand a large amount of information but also the experience to arrange that information on a cognitive base for adequate decision making.

Objectives: This special volume of Computers & Operations Research is intended to collect in one volume high quality papers on the most recent contribution of operational research techniques to health care delivery. In particular, should combine good OR methods with extensive numerical experiments. Contributions from health policy decision makers and practitioners are also welcome. Topics include but are not limited to:

- Health care operations planning and scheduling
- Patient Logistics and Patient flow modelling
- Work-force staffing and planning
- Ambulance location and management
- Emergency care delivery models
- Capacity planning
- Priority assessment
- Risk management and patient safety
- Integrated care pathways design and evaluation

Papers will be subject to a very stringent evaluation process based on an international refereeing procedure in order to ensure contributions are of top international standard.

Deadline for submissions: December 2010
Date of completion: June 2011
Author submissions: Authors should submit their paper via the Computers and Operations Research online submission and editorial system at: http://www.ees.elsevier.com/cor and select "Special Issue: OR for health care delivery” as the "Article Type”.

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