Friday December 9th, 2011
12:00 PM – 2:00 PM
Bronfman Bldg., Rm. 310
1001 Sherbrooke St. West, Montreal

A patient assignment model for homecare delivery

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Abstract

Patient assignment to nurses in homecare is fully dependent on the work organization of the institution. In this application, we proceed by distributing and balancing the workload among nurses within a territorial approach. We propose a flexible model that combines territorial approach and workload measure to better achieve nurses' satisfaction. The multi-resource generalized assignment problem is presented, where the objective is to minimize nurses' overload. Results show that this approach is suitable to the context.

A light lunch will be served- Please RSVP by Dec. 8th