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An Integrated Approach for Scheduling Health Care Activities in a Hospital

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**Highlights**

- A scheduling approach has been developed to optimise the usage of hospital treatment spaces.
- An entire hospital is describable and schedulable in one integrated approach.
- Activities in patient's clinical pathway are assigned and sequenced on different resources.
- Constructive algorithms and hybrid meta-heuristics are developed and applied to find solutions.
- Real world problems have been solved in numerical testing.

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