

A Retrospective of 15 Years Drug Delivery Control for Anesthesia: Lessons Learned and Missing Pieces

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Abstract: this presentation will bring the audience in a time-travel over the last 15 years of achievements and challenges faced by Ghent University research team in the quest for better, healthier and affordable cost of care in Belgium. In particular, the social-economic effects of point-of-care anesthesia in Belgian healthcare system are presented and the role of control engineering brought forward. Computers and mathematical algorithms, shaking hands with clinical expertise in a unified cyber-medical system is the next step in this direction. Finally, the crossing and unified paths of UGent and Obuda universities are paved and show a new direction of drug delivery point of care in both Western and Eastern Europe.