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**Perspectives for developing
hospital-based health
technology assessment in
clinical engineering in France**

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Event Website: <https://www.globalcea.org/icehtmc>



The Team / Workgroup

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Delivering innovative

Description – Hospital Based HTA is not

Decision-makers need for National authority for relevant decision-making criteria National hospital managers innovation committee for technology assessment

care requires informed decisions ! More than ever... AI / Big data Digital Therapeutics Computatio

Role of clinical engineer ?

As an HTA specialist ?

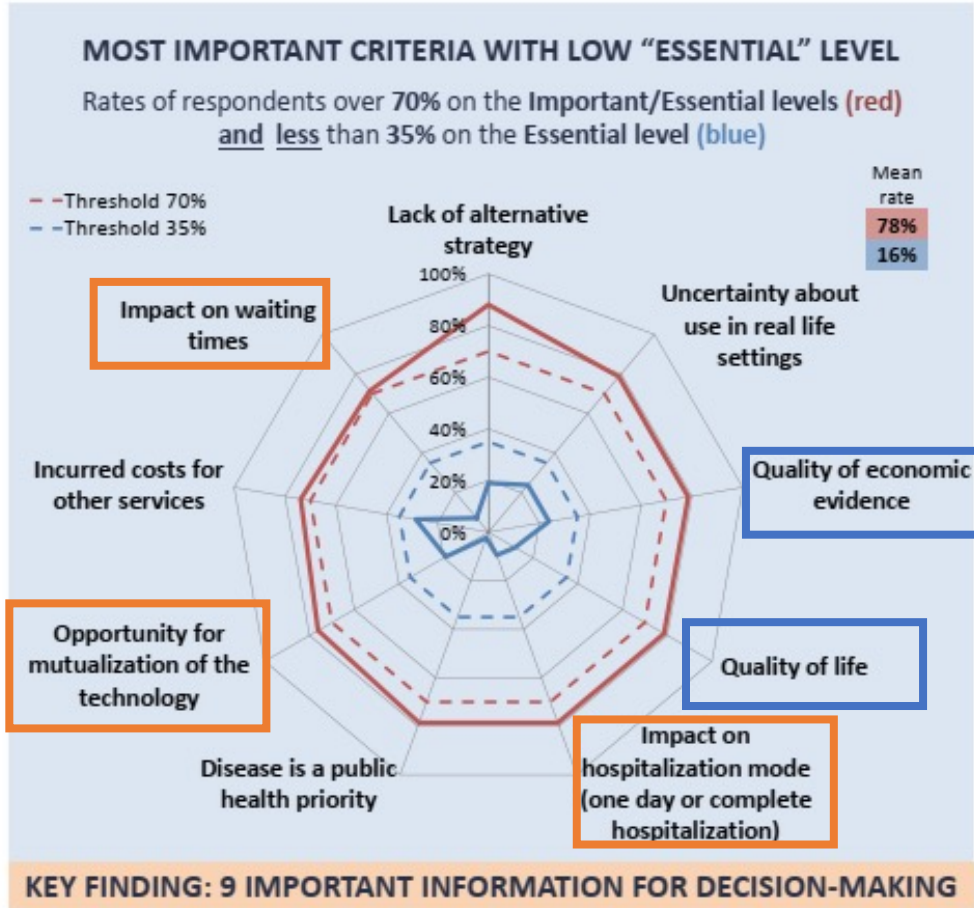
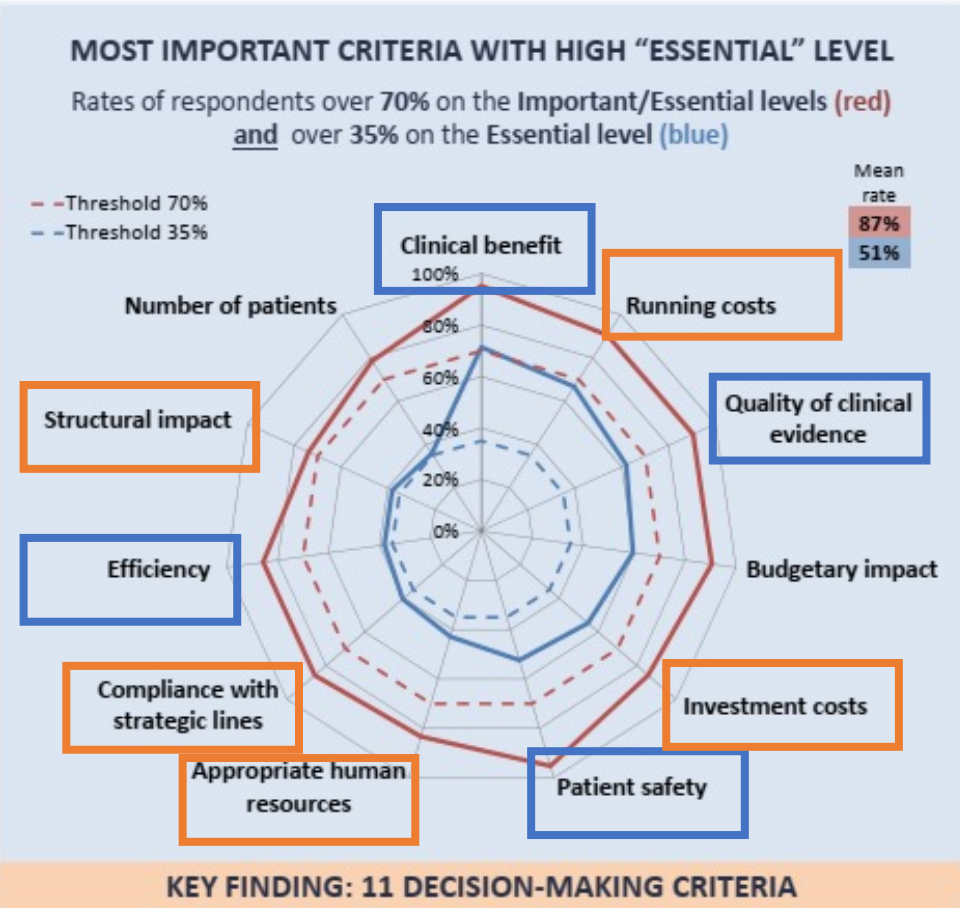
As a technology manager ?

Maybe both !

Goals of the project and final users that will benefit

1. To quantify the decision makers need for information by determining a set of relevant criteria for decision-makers and the work of a national commission
2. To discuss the implications for development of HB-HTA and the place of different kind of clinical engineer (HTA specialists or Hospital Technology managers) in the decision making process.
3. To promote spread of HB-HTA among decision-makers and emphasize the important and complementary role of

Results – Survey : 20 most important criteria from 42



Benefits from HTA methodology & Specialists (systematic review, meta-analysis, health economics...)
managers
knowledge on technology, costs, organizational, strategic impacts

(1) Piazza L, Balayssac D, Bertaux A, Deniès F, Dutheil JJ, Dutot C, Huot L, Martelli, N, Oliveri V, Podes T, Hayes N. What are the most important decision-making criteria for innovative health technology integration? A national survey from French hospitals decision-makers; Value in Health; Volume 19, Issue 7, November 2016, Pages A486

Results – National Innovation committee of french university hospitals managers

- Created in 2012 by hospital managing directors for decision support on innovative health technology
- Animated by an hospital managing director and composed of one biomedical engineer representing each university hospital
- Publish state-of-art/ national benchmark with a focus on technological, organizational, managerial, economic, and ethical issues of health



Essential Knowledge and real world data report for HB-HTA that are often lacking in national HTA report !

Conclusion – HTA Specialists and Technology Managers : complementary skills for HB-HTA

- Real demand for decision-making support considering innovation adoption in French hospitals (survey and national commission example)
- All most important criteria identified in the survey are in the scope of the biomedical engineer however some criteria will clearly benefits from Hb-HTA Methodology dissemination and others from technology manager real word knowledge.
- Collaboration between technology managers

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