

Public health advisory on the effects of cell phone use while driving

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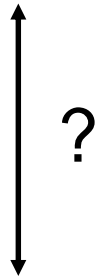
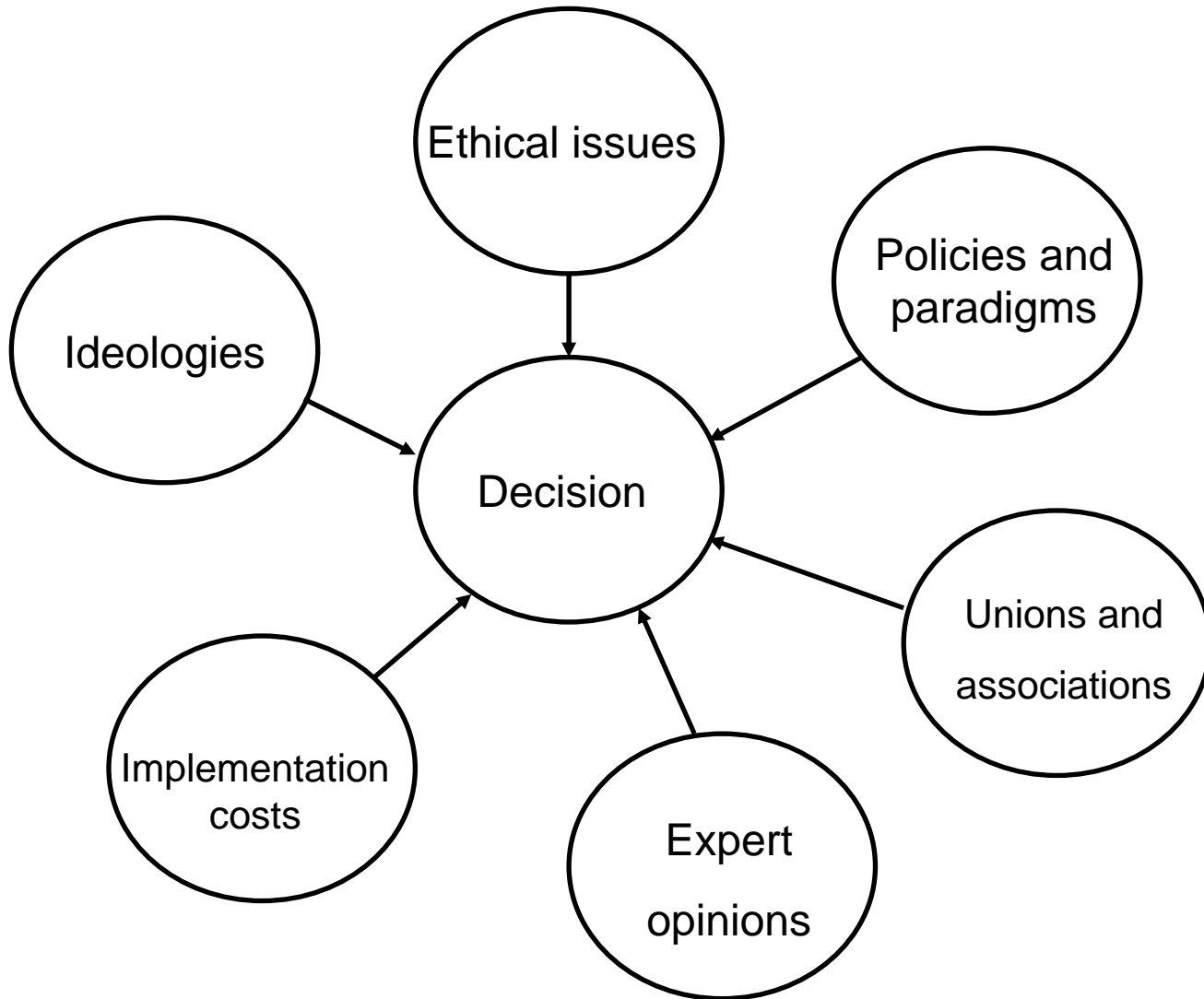
CIRRELT – Interuniversity Research Centre on Enterprise Networks, Logistic and Transportations

INSPQ - National Institute for Public Health of Quebec



Effects of cell phone use while driving

Concerns for the researcher



Effects of cell phone use while driving

The responsibility of the researcher

1. Further our knowledge using an evidence-based approach
2. Use a sound methodology : systematic review

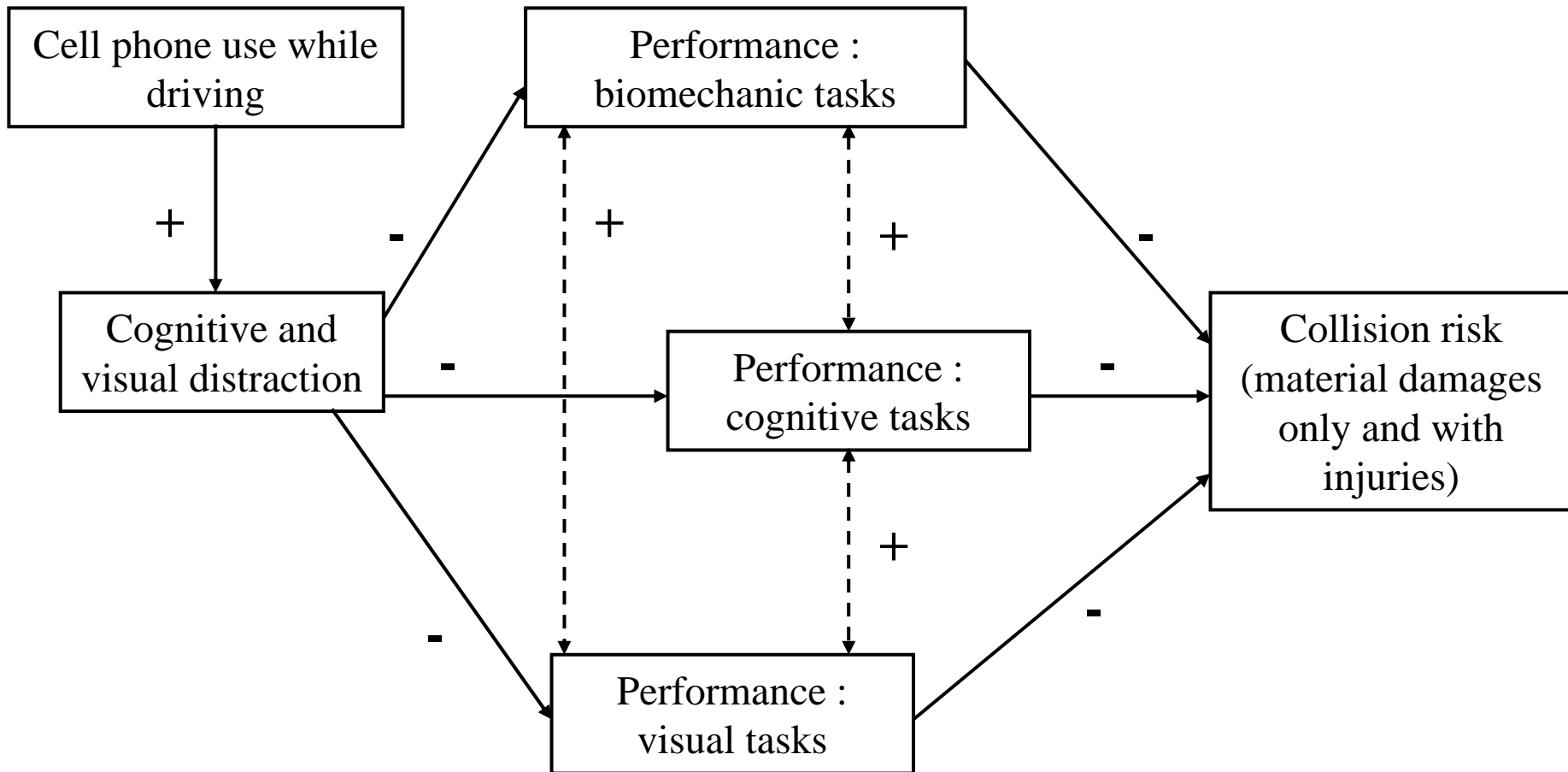
Effects of cell phone use while driving

The debate regarding the effects of cell phone use while driving

1. The number of cell phone users is increasing while the road toll is improving
2. There are other sources of distraction
3. Studies have methodological limitations
4. Theories on driver's behavior
5. Reports do not mention cell phone use as a « cause » of collisions
6. No systematic review

Effects of cell phone use while driving

Graphical illustration of the effects of cell phone use while driving on collision risk



Effects of cell phone use while driving

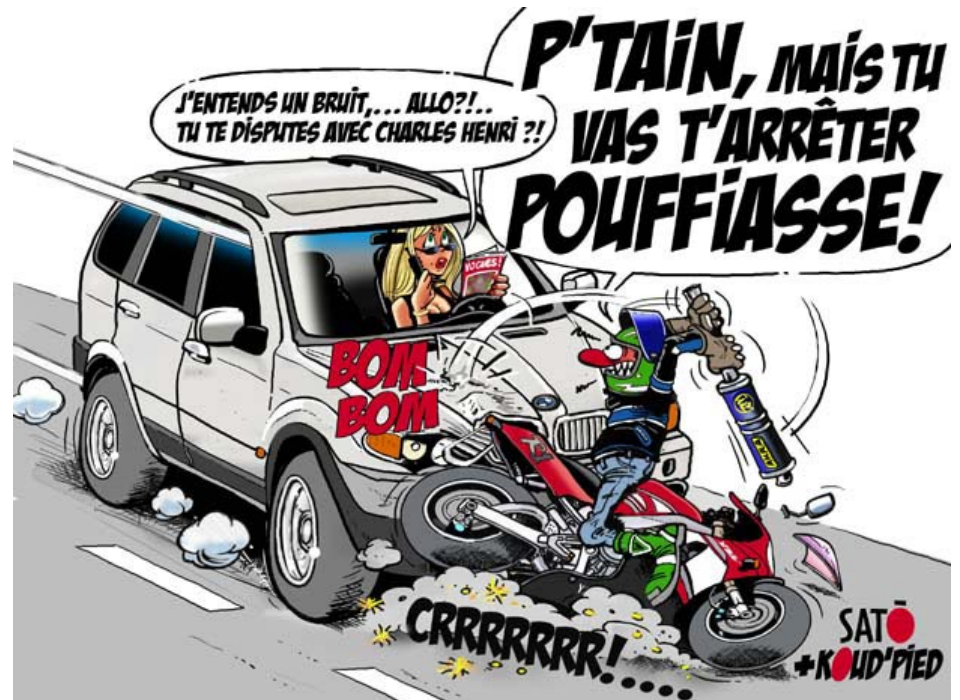
Conclusions about the effects of cell phone use while driving

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1. Does not improve driver's performance



2. Significantly increases collision risk

Recommendations

1. Ban cell phone use while driving (both, hand-held and hands-free devices)
2. Conduct additional studies to improve our understanding about the effects of other sources of distraction on collision risk
3. Modify accident reports to document the presence of cell phone use

