

BD DAYS – Sepsis:

Sepsis as organ and health system dysfunction
Intervention bundles for a better clinical and health
system management of patients¹

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Dr Dickmann started by defining risk control as *“our wish to have static, measurable, stable, predictable risks¹.”* However, there are often surprises. So, to remedy this, she designed an original approach to detect the public health risk earlier, respond to it faster, have *“smoother coordination”* and then learn from the past to leave a *“smarter legacy”* leading to better risk governance in the future^{1,2}.

Dr Dickmann’s social laboratory approach brings local stakeholders together in small groups to analyse the public health risk’s context and influencing factors in a structured manner in order to develop disruptive interventions^{1,2}. This approach is applied to the incubator workshop[®], which is defined as *“one format of the social laboratories to systematically develop new and better solutions using the dynamic and intelligence of groups³.”*

When applying this new approach to sepsis, Dr Dickmann pointed out several contradictions within the current paradigm (e.g., *use of broad-spectrum antibiotics vs antimicrobial stewardship*). She added that the individualisation of big problems (e.g., *handwashing as a prevention measure*) and specialisation in healthcare tend to put this public health issue into silos. Dr Dickmann suggested using a systemic approach to examine the entire process at the patient level in how we share information, communicate with each other and work together. This will allow us to detect sepsis earlier and faster, have smoother coordination, leading to smarter sepsis management in the future.

References

1. Dickmann P. Sepsis as organ and health system dysfunction - Intervention bundles for a better clinical and health system management of patients. Presented at: BD DAYS – Sepsis; 6 September 2019; Eysins, Switzerland.
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3. dickmann risk communication. Services. Social laboratories. Accessed on 18 September 2019, at <http://www.dickmann-drc.com/services/social-laboratories/>.

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