



# MEDICAL RECORD TECHNOLOGIES

## EPISTEMIC PROBLEMS OF DIGITIZATION



# MEDICAL RECORD

Patient

Doctor

Science

Healthcare

Audit

'Unscientific though narrative may seem, the case is not only a record of medical attention provided a patient, **but the fundamental unit of medical discourse and the pattern for clinical reasoning.**'

(Kathryn Montgomery Hunter, 1992, p.163)

'The time has come to abandon the wrong premises and inadequate tools that underlie the current systems of medical education and care. If we are willing to adopt radical change, we may find that productivity can improve by an order of magnitude. When the travel system changed from trains to aeroplanes, it became possible to travel from New York to Seattle in five hours instead of five days; tinkering with the railways would never have accomplished that change. In medicine a comparable change is to transmit medical knowledge **through modern information tools rather than through the fallible minds of doctors.**'

(Lawrence 'Larry' Weed, 1997, p.232)



# DIGITIZING MEDICAL RECORDS

BIOMEDICAL KNOWLEDGE/CLINICAL KNOWLEDGE

AUTONOMY/ACCOUNTABILITY/CONTROL

ERROR/CONSENT/CARE



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MEDICAL RECORD IS A TECHNOLOGY OF VISIBILITIES

# Thank You

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