

DIALOG

Billeddiagnostisk beslutningstagning med AI
inden for kræftscreening

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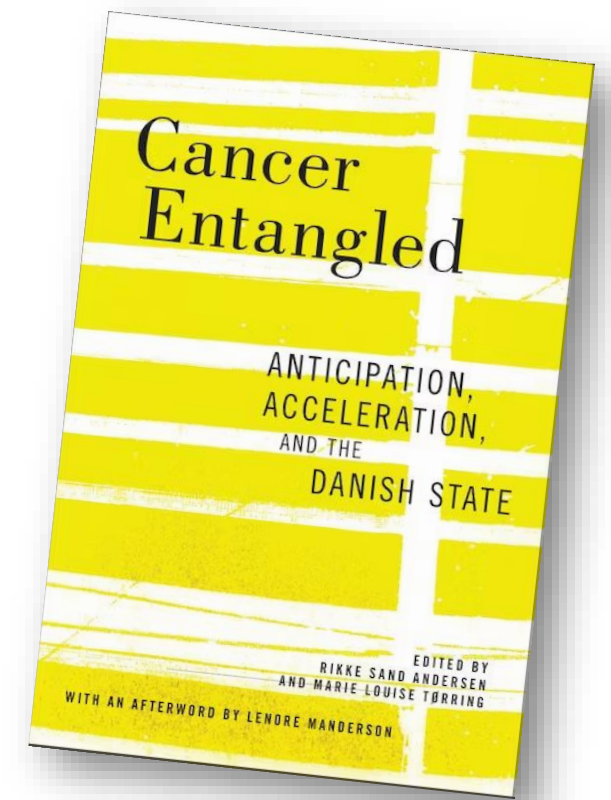
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Tidlig opsporing af kræft

3 strukturerende dynamikker

- Acceleration → tid som helt afgørende
- Ekspansion → situationer, tegn, symptomer
- Foregribelse (Anticipation) → Overvejelser og “forebyggelse” af kræft i fremtiden
- Hvordan skubber AI til disse dynamikker?



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Signs of Nothing: Negotiations Over Semiotic Indeterminacy in Danish Lung Cancer Diagnostics

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ABSTRACT

In Denmark, injunctions of “early” cancer diagnosis increasingly imply surveillance of small tissue changes, which may or may not develop into cancer. Based on fieldwork at diagnostic lung cancer clinics and with people in CT surveillance for tissue changes, I explore how detected tissue changes are ascribed meaning as signs of “nothing” or “something.” Inspired by Peircean semiotics, I suggest that the semiotic indeterminacy of tissue changes points to how diagnostic socialities both expand medical semiotics and enable this expansion. The article, thereby, contributes to understandings of signs as diagnostic infrastructures.

KEYWORDS

Cancer; Denmark; diagnostics; early diagnosis; medical surveillance; semiotics

Mangel på empirisk forankret kvalitativ forskning

Forskning om tekniske udfordringer, udvikling og brugervenlighed

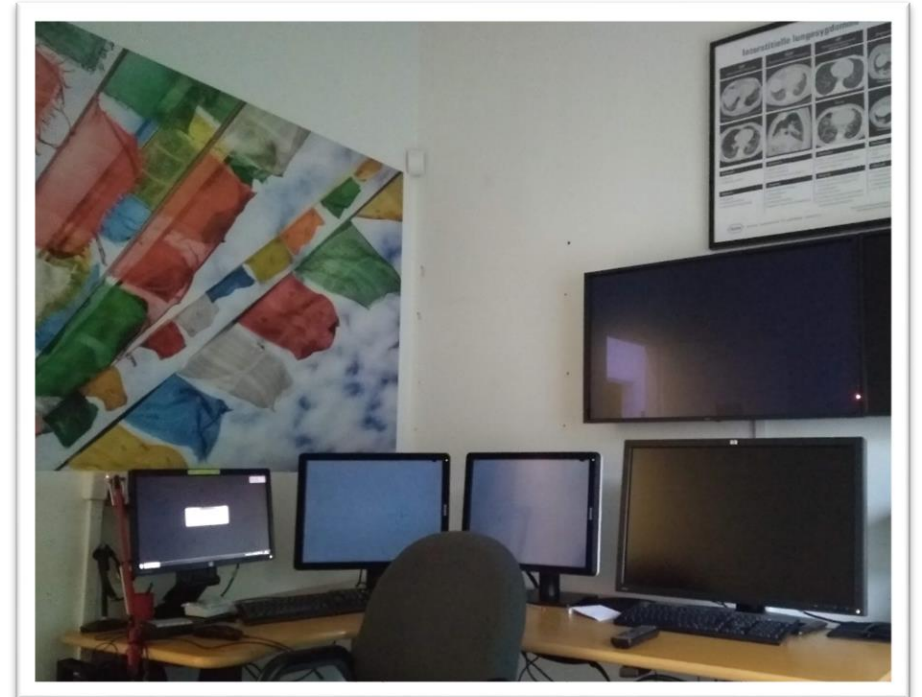
- "Misplaced concreteness" (Suchman 2023)
- -> AI er ikke tydeligt afgrænsede, selvstændige, tekniske objekter
- Teknologi som systemer
 - Empirisk udforske hvordan klinisk praksis, kontekst og specifikke redskaber gensidigt former hinanden

DIALOG – Cases om AI og billeddiagnostik

- AI ifm. mammografier + CT af thorax
- Etnografisk feltarbejde
- Praksis som social og situeret -> pluralitet, kompleksitet, nuancer og tillader diskrete forandringer

Forskningsspørgsmål

- Hvordan oplever, erfarer og tilpasser radiologer sig AI teknologier?
- Hvilke etiske spørgsmål og former for samarbejde skabes i den her interaktion?



Organisering (2025-2026)

- Michal Frumer (PI)
- Ditte Bonde Stanek, forskningsassistent
- Samarbejdspartnere:
 - professor Rikke Sand Andersen, Institut for Sundhedstjenesteforskning, SDU og Afdeling for Antropologi, AU
 - professor Berit Andersen, Universitetsklinik for Kræftscreening, Regionshospitalet Randers
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