

Differences in red cell transfusion decisions in the intensive care unit – a nationwide survey in the Netherlands

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Scope: INOX-ICU

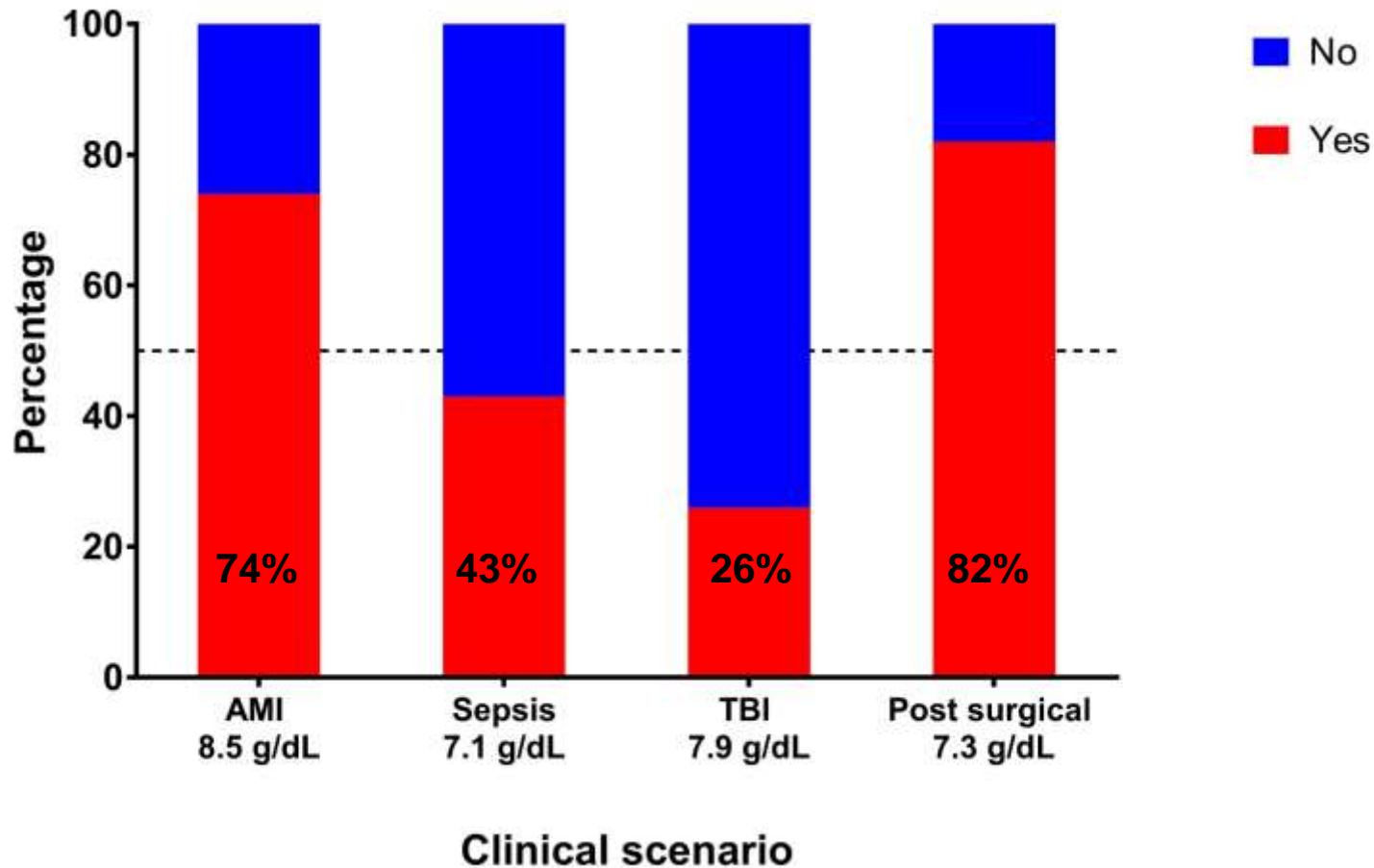
Anske van der Bom (Sanquin) & Sesmu Arbous (LUMC)

- Bloedtransfusie op IC
- Indicaties onduidelijk, hemoglobine alleen onvoldoende als parameter
- Onderzoek bemoeilijkt door confounding (RCTs geven beperkte antwoorden)
- Extra inzicht door middel van big data & onderzoek naar inzicht in transfusie strategieën onder intensivisten

Scriptie

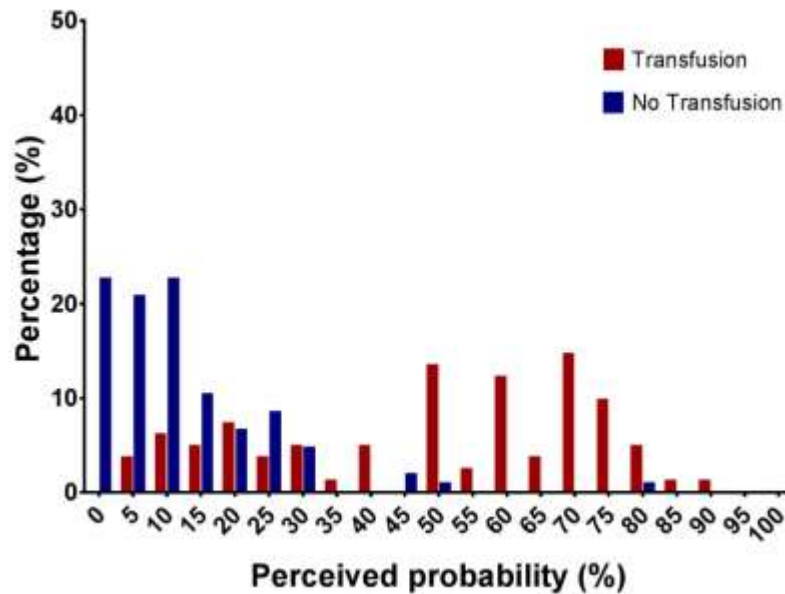
- Doel: analyse van variatie in transfusiebeslissingen onder intensivisten
- Door middel van:
 - Vragenlijstonderzoek onder intensivisten (NVIC)
 - 4 klinische scenarios: AMI, sepsis, TBI, post surgical

Transfusion decision

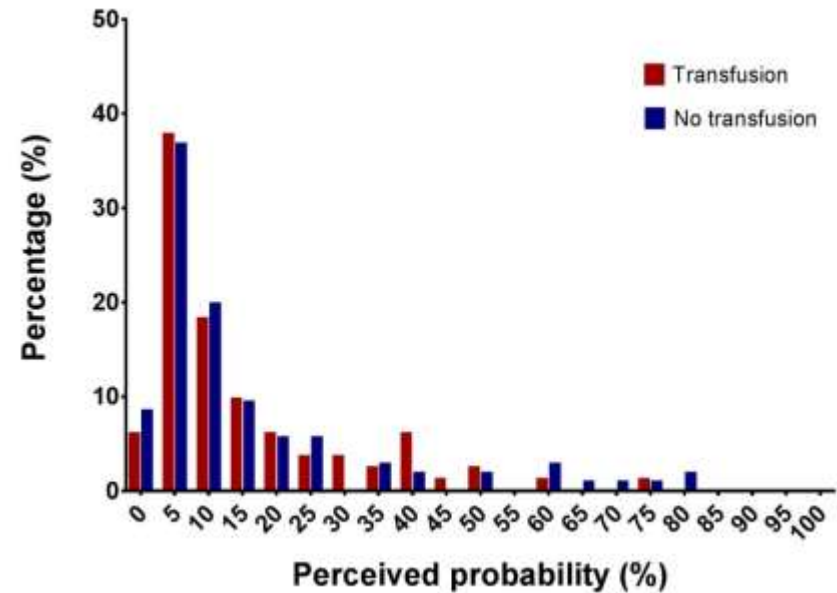


Histogram sepsis

Benefits



Harms



Conclusie

- Substantiële variatie in transfusiebeslissingen onder intensivisten
- Verschil in beoordeling met name in de inschatting van voordelen van transfusie
- Voortzetting: Europese studie (ESICM)

Dankwoord

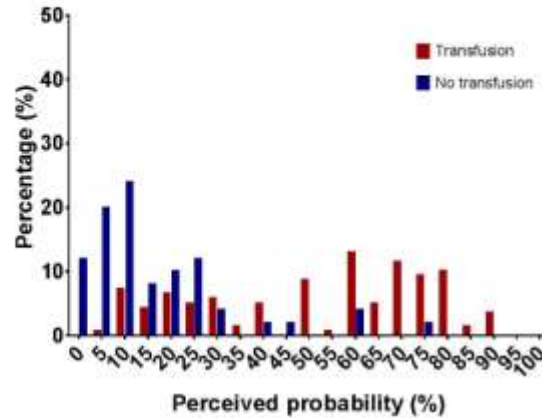
- Floris Kranenburg
- Anske van der Bom
- Sesmu Arbous

EXTRA SLIDES

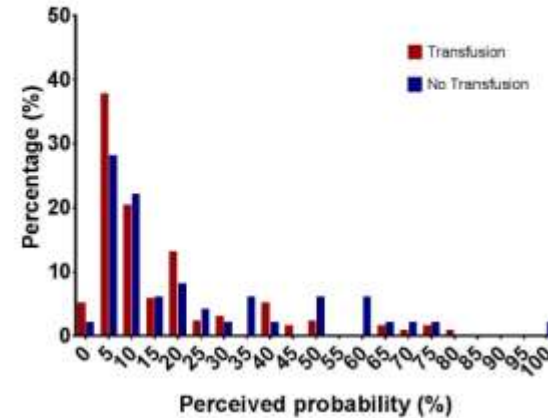
AMI

-70-year-old man
-Hb:8.5 g/dl

Benefits



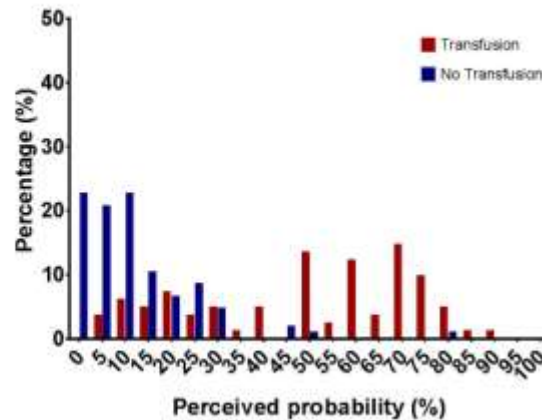
Harms



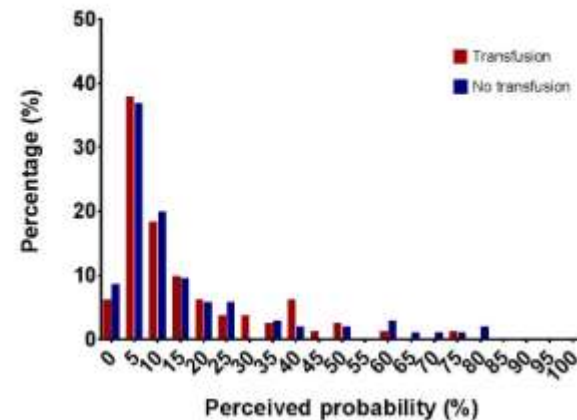
Sepsis

-42-year-old woman
-Hb:7.1 g/dl

Benefits



Harms

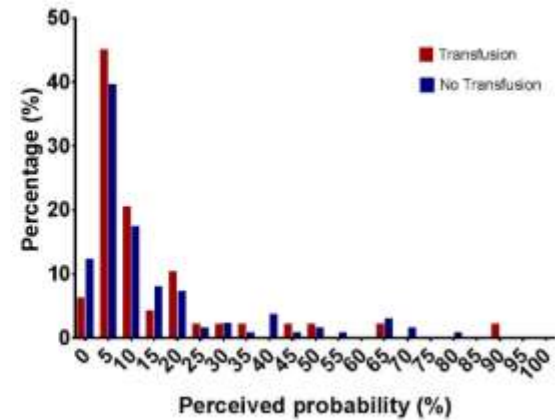
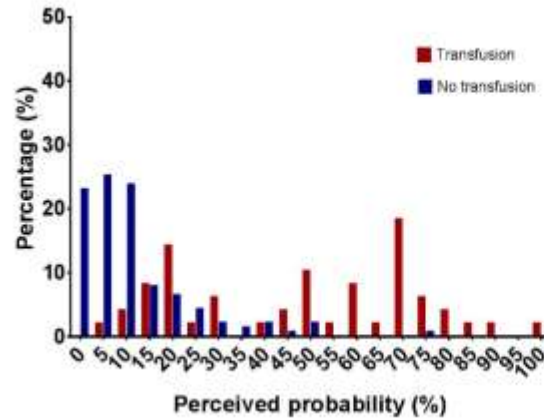


Benefits

Harms

TBI

-71-year-old woman
-Hb:7.9 g/dl



Post-Surgical

-88-year-old woman
-Hb:7.3 g/dl

