

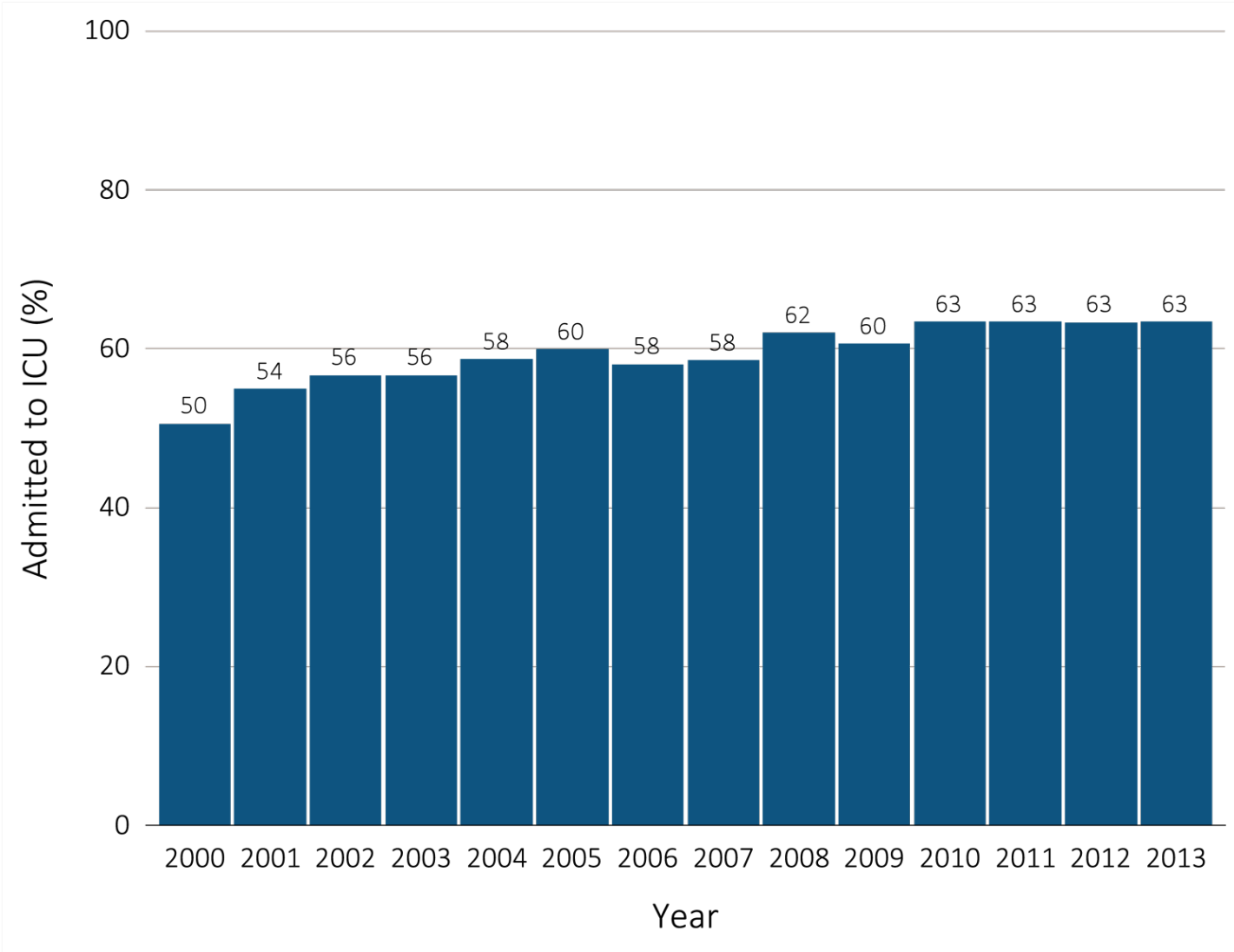
# USRDS Study on Treatment Preferences for Patients with ESRD

- Ann M. O'Hare, MD MA
- Professor of Medicine, Kidney Research Institute and Division of Nephrology, University of Washington
- Staff Physician, VA Puget Sound Health Care System

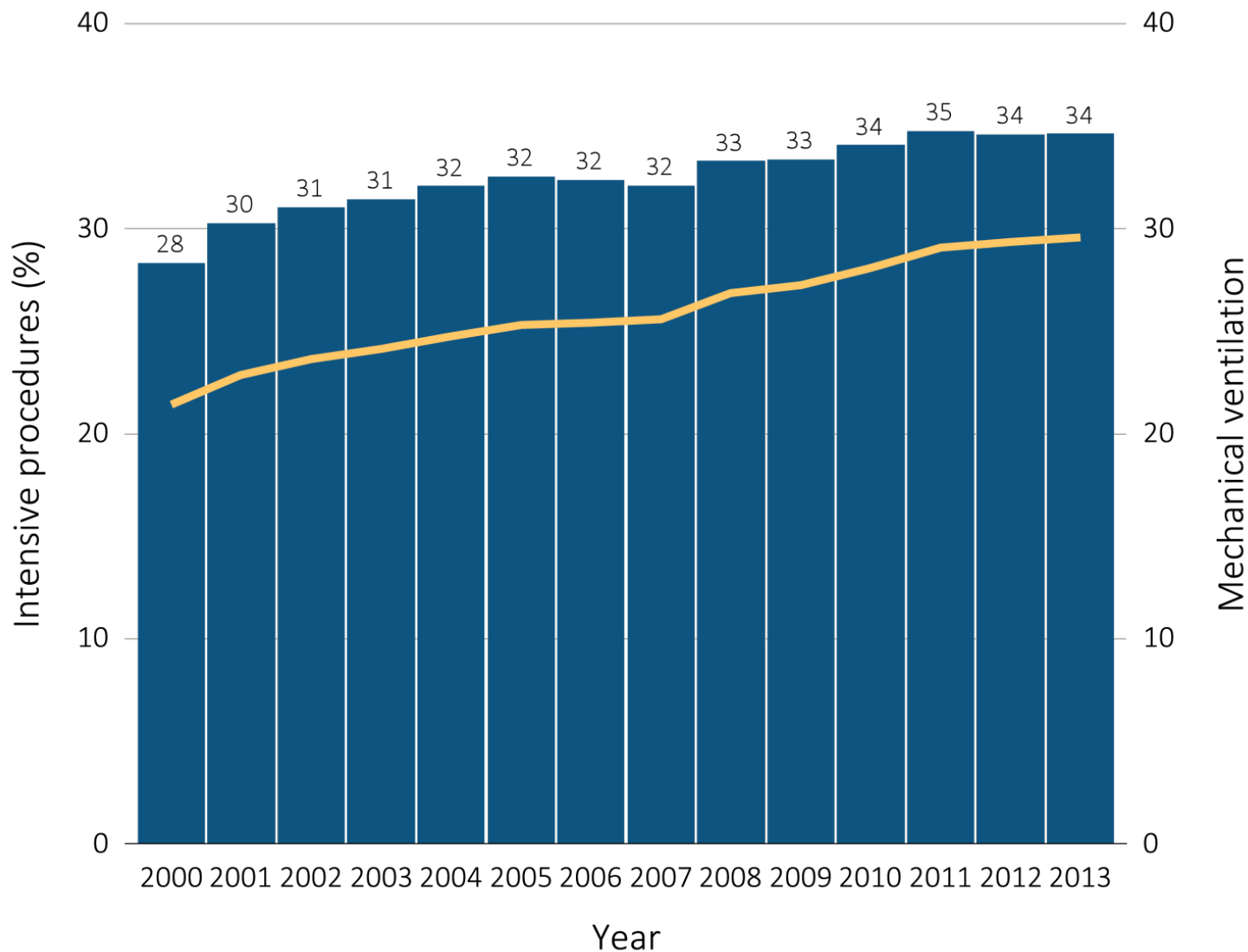
# Outline

- Patterns of care from USRDS Annual Report: [www.usrds.org](http://www.usrds.org)
- End-of-life decision-making from ongoing USRDS Study on TreATment PrEferences (**U**STATE)

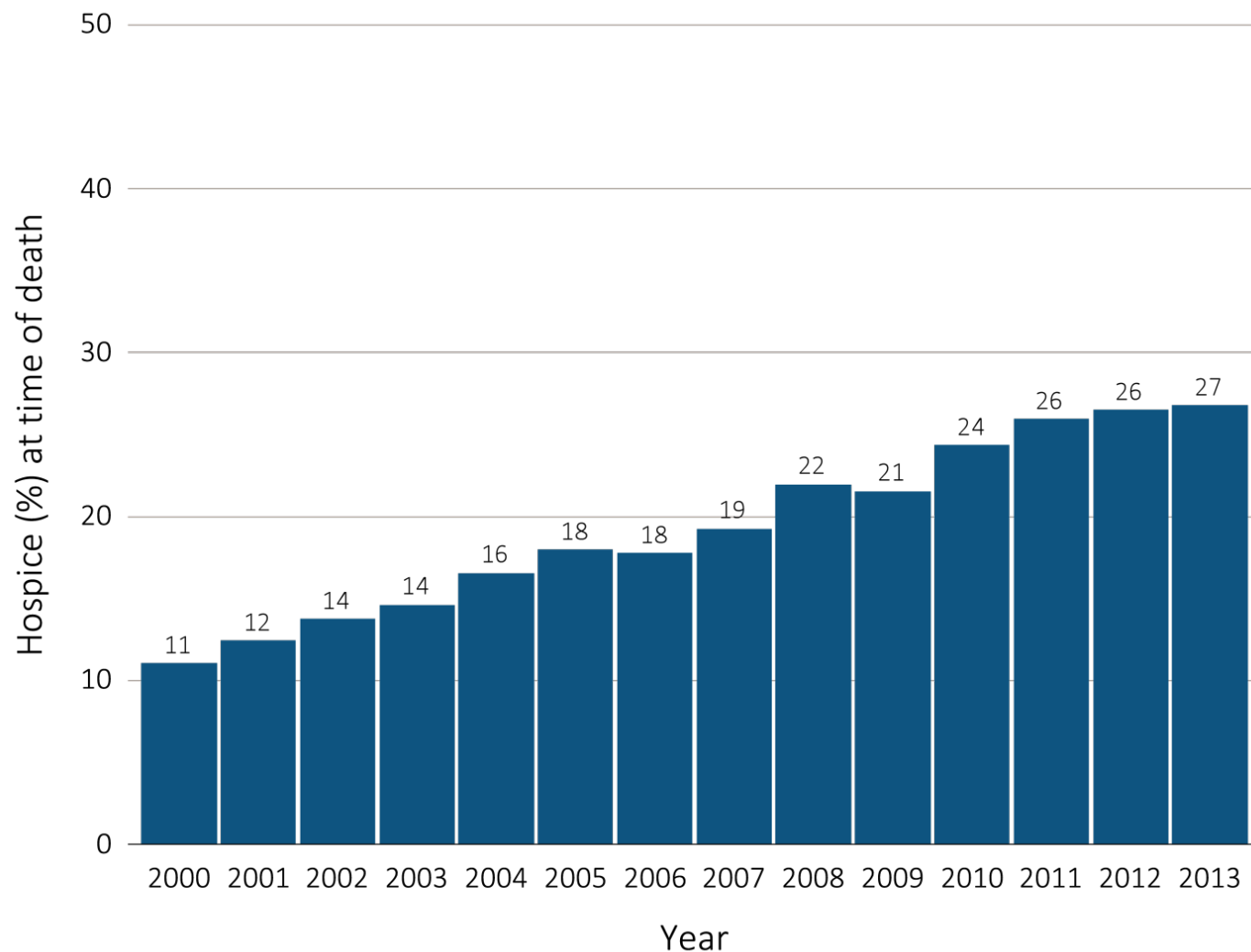
# Figure 14.3 ICU admission during the last 90 days of life among Medicare beneficiaries with ESRD, 2000-2013



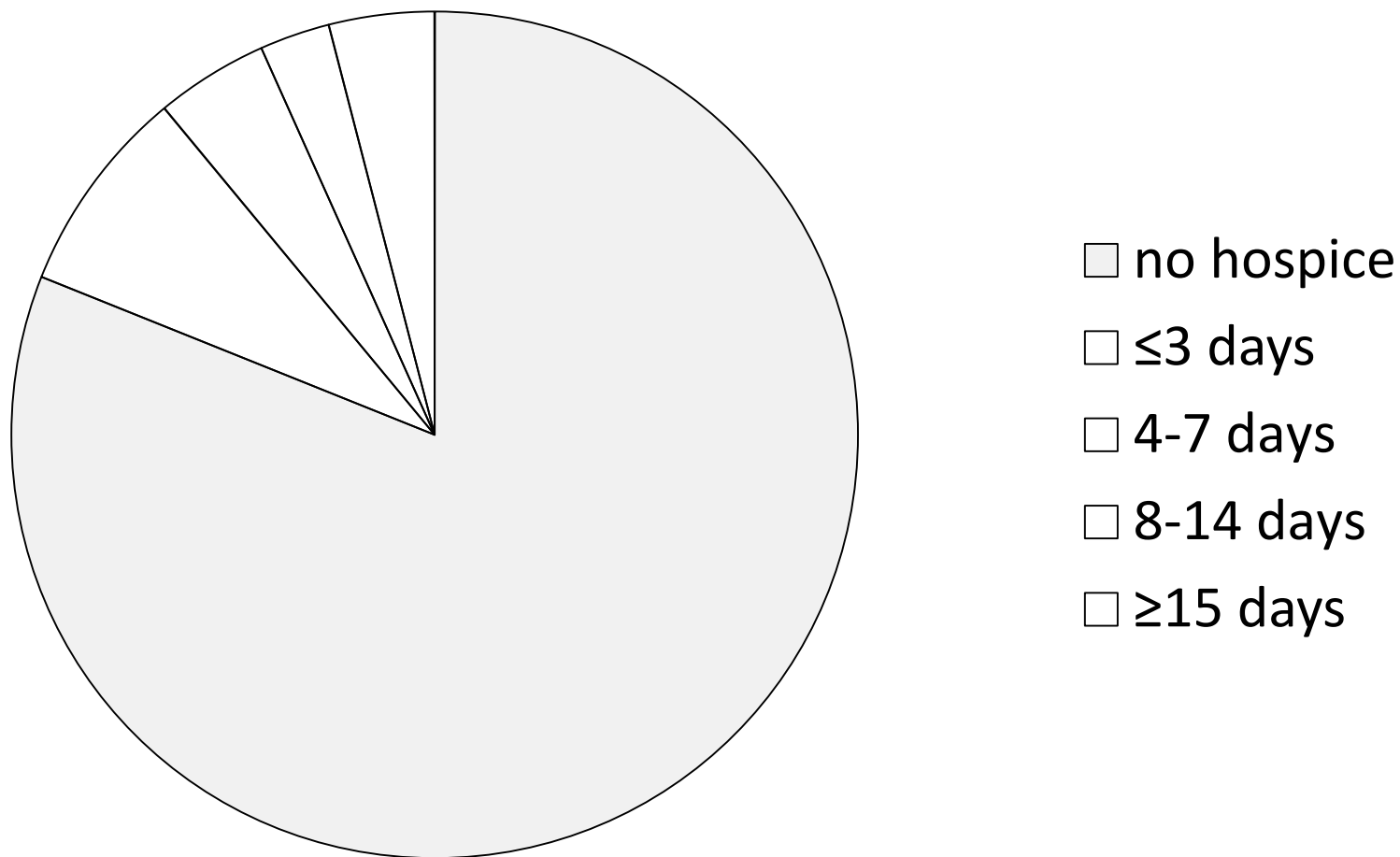
# Figure 14.4 Intensive procedures during the last 90 days of life among Medicare beneficiaries with ESRD, 2000-2013



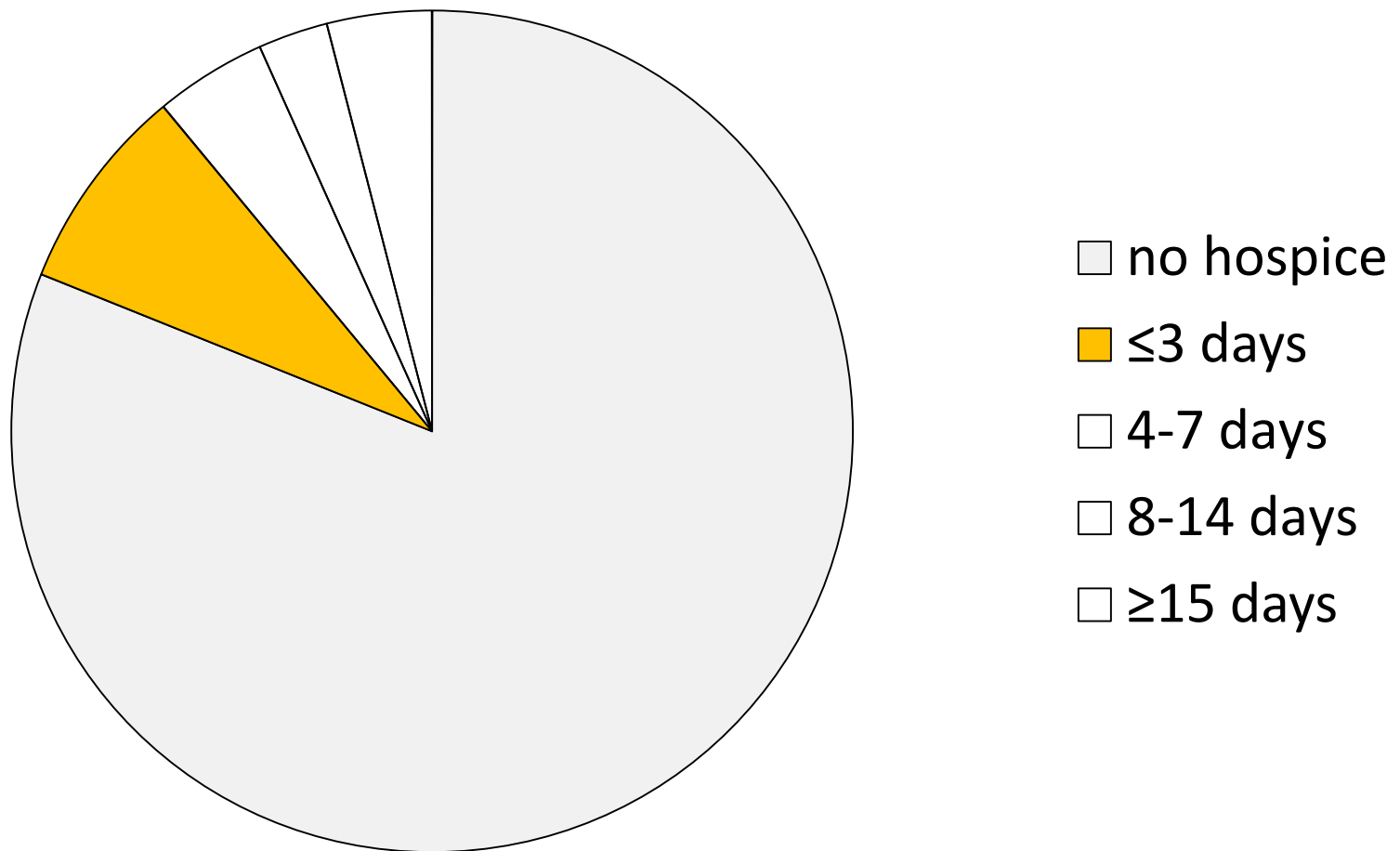
# Figure 14.8 Hospice utilization at the time of death among Medicare beneficiaries with ESRD, 2000-2013



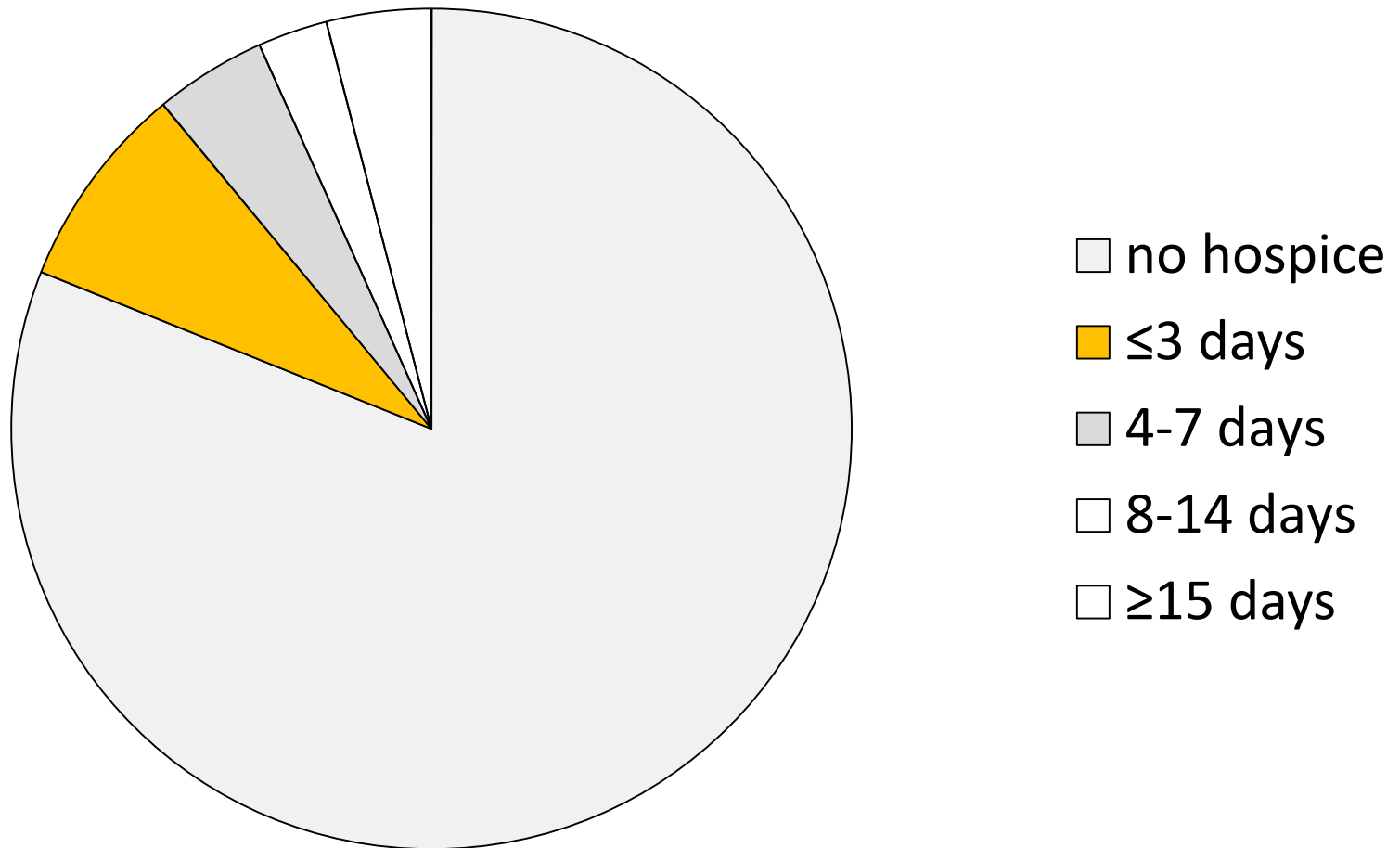
# Timing of hospice referral



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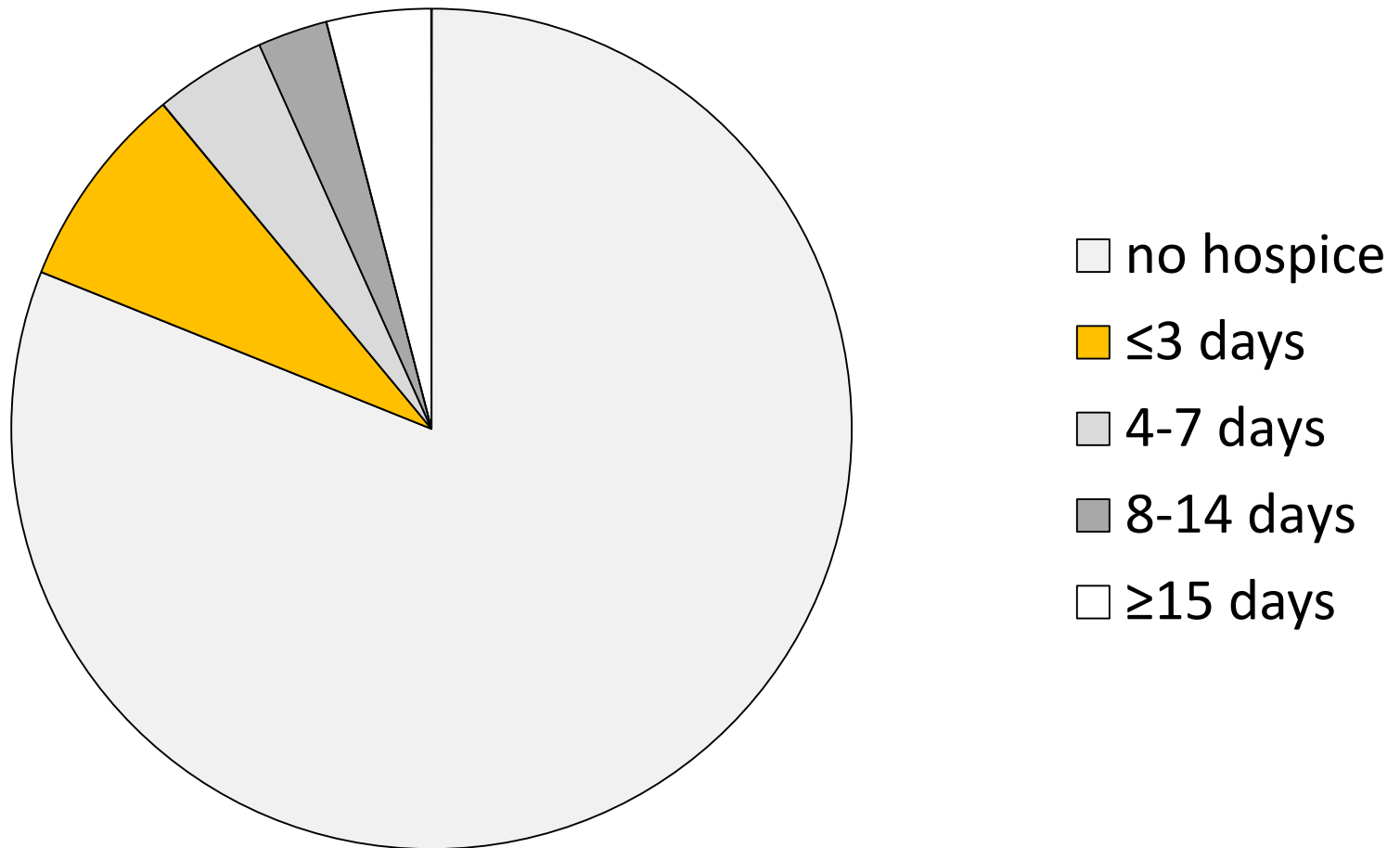


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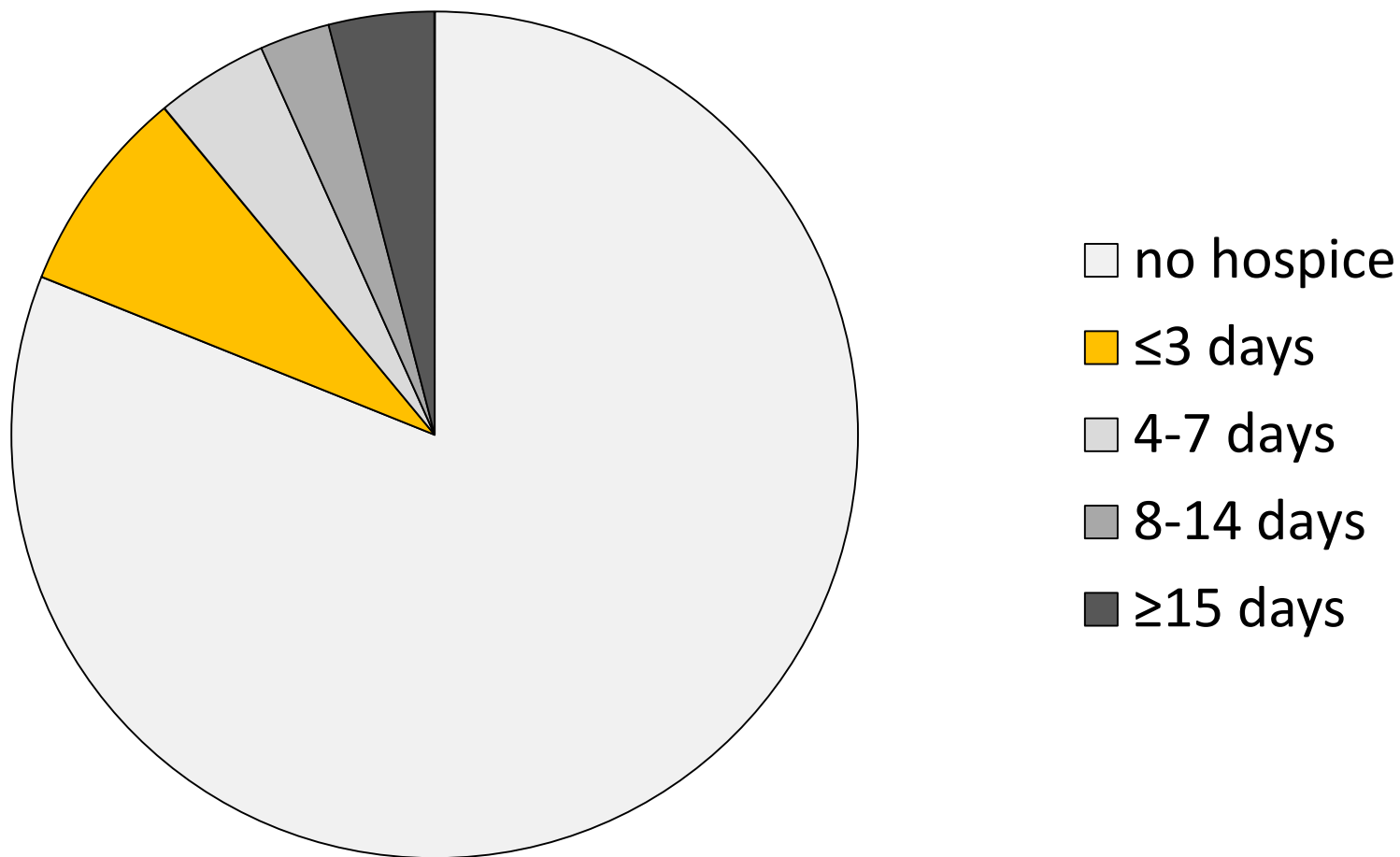




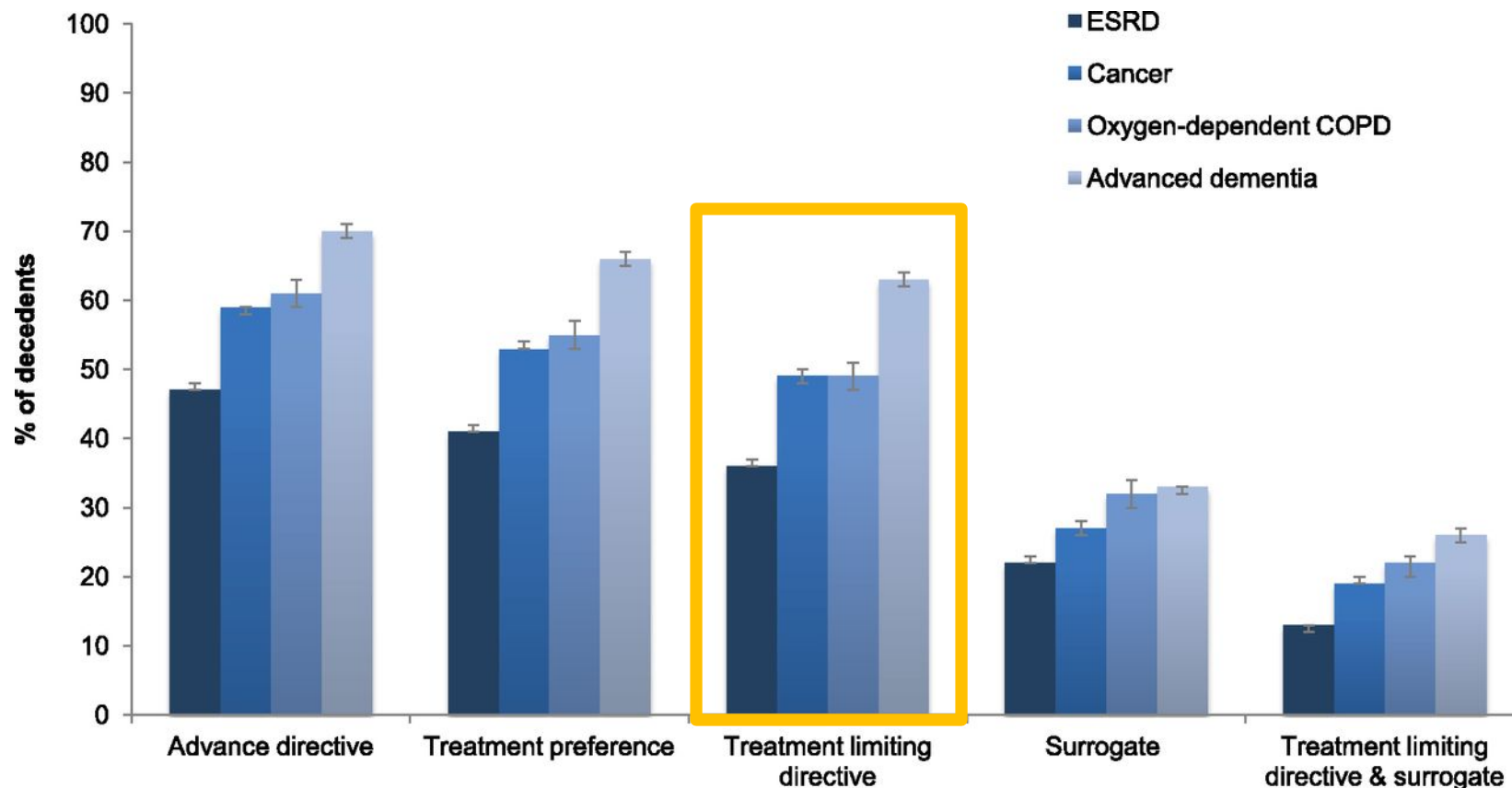
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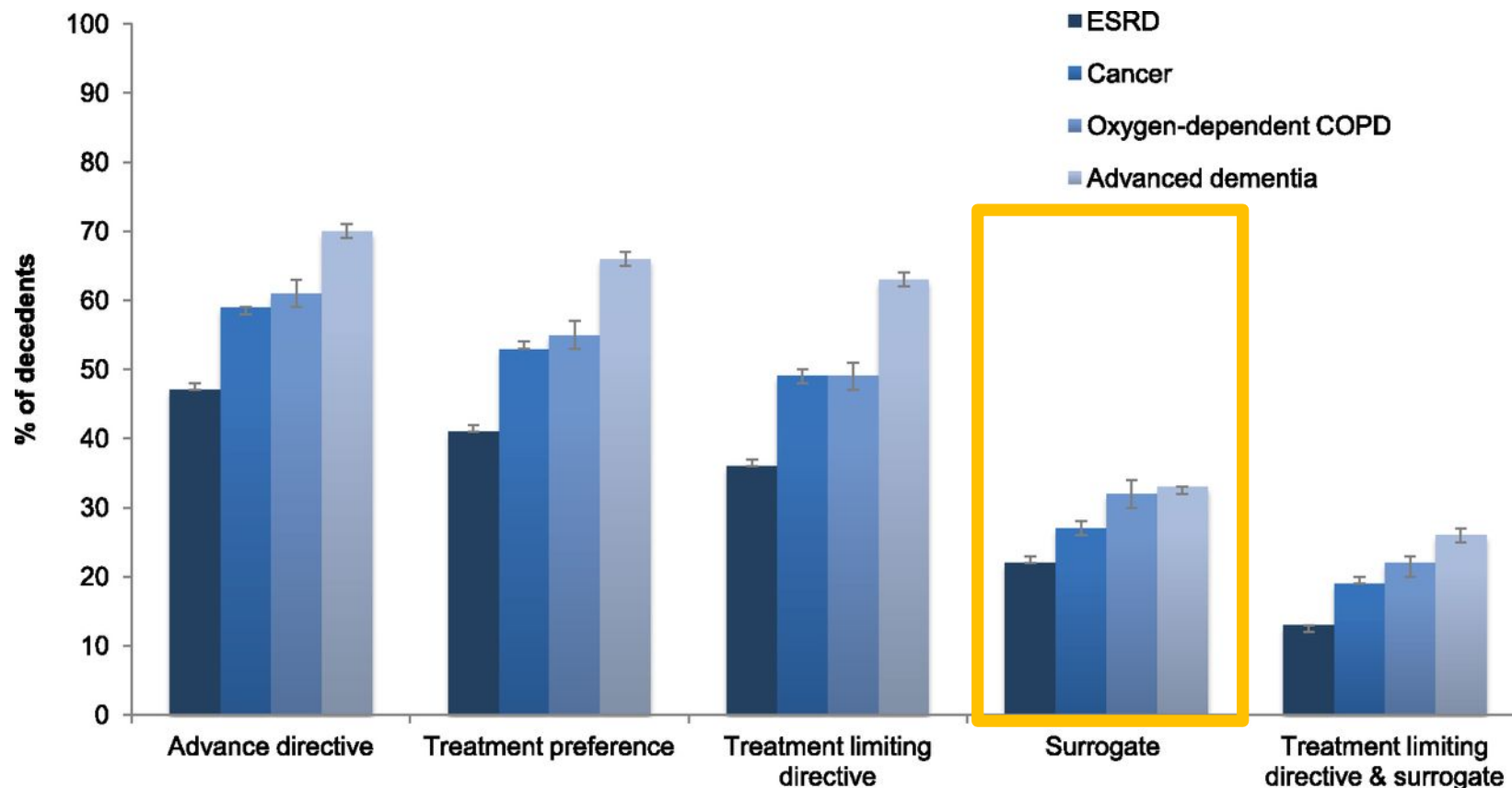


# ACP among nursing home residents with differing forms of severe chronic illness



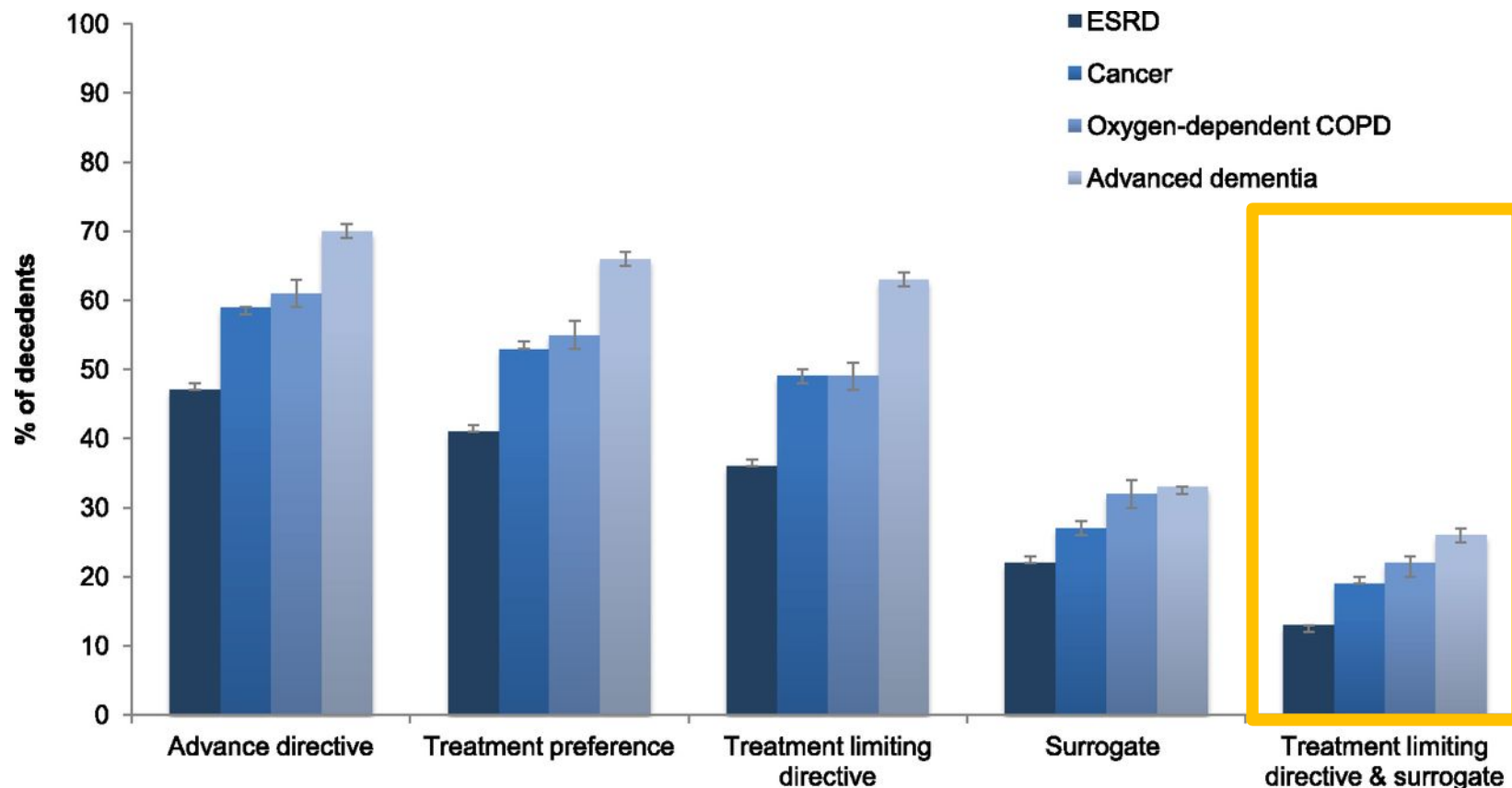
Manjula Kurella Tamura et al. CJASN 2017;12:435-442

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# Characteristics of patients who have completed the USTATE questionnaire (n=515)

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<b>Male</b>		<b>55%</b>
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	<b>Other</b>	<b>18%</b>
<b>Hispanic</b>		<b>9%</b>
<b>Health status fair or poor</b>		<b>42%</b>

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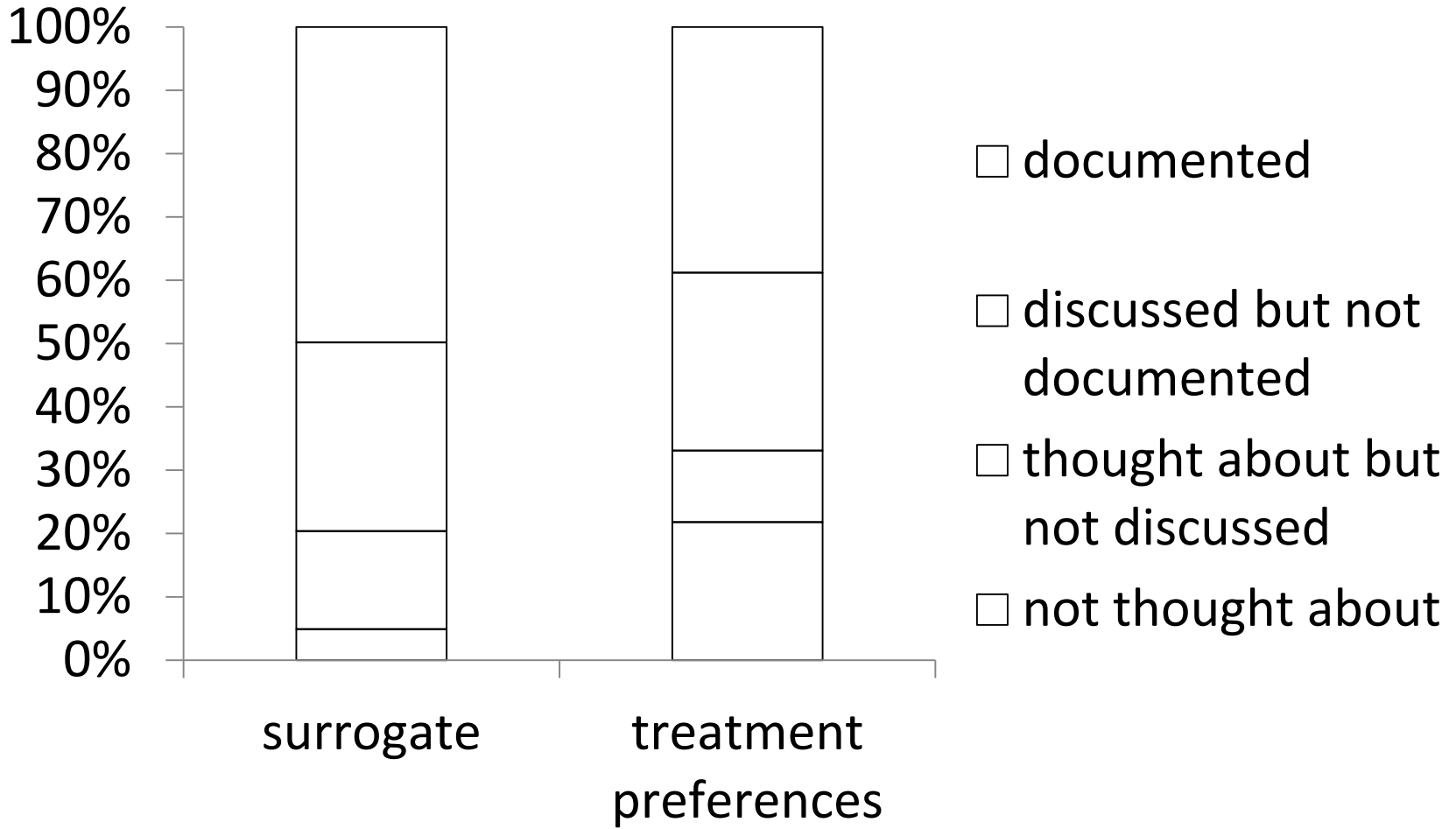
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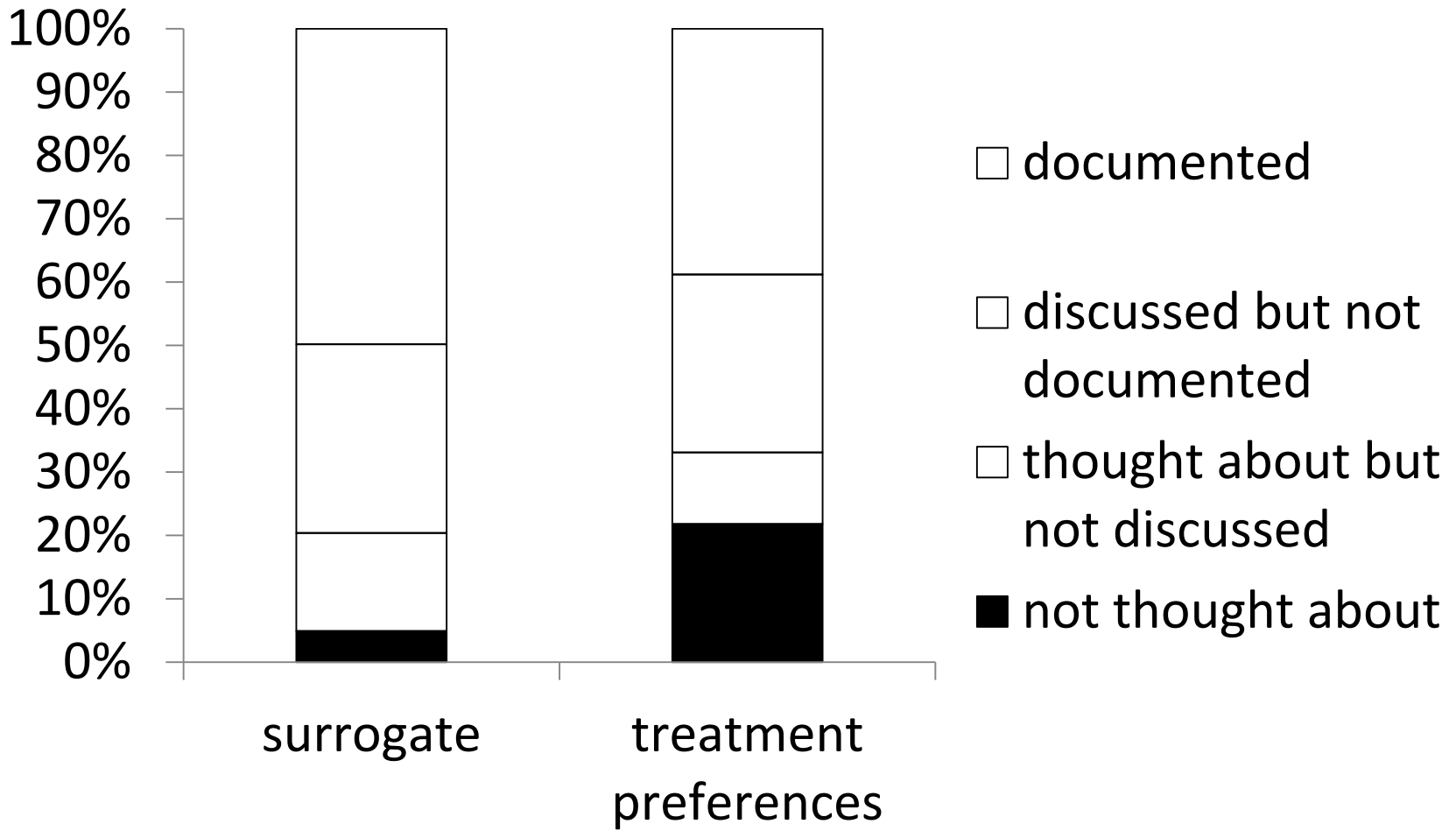
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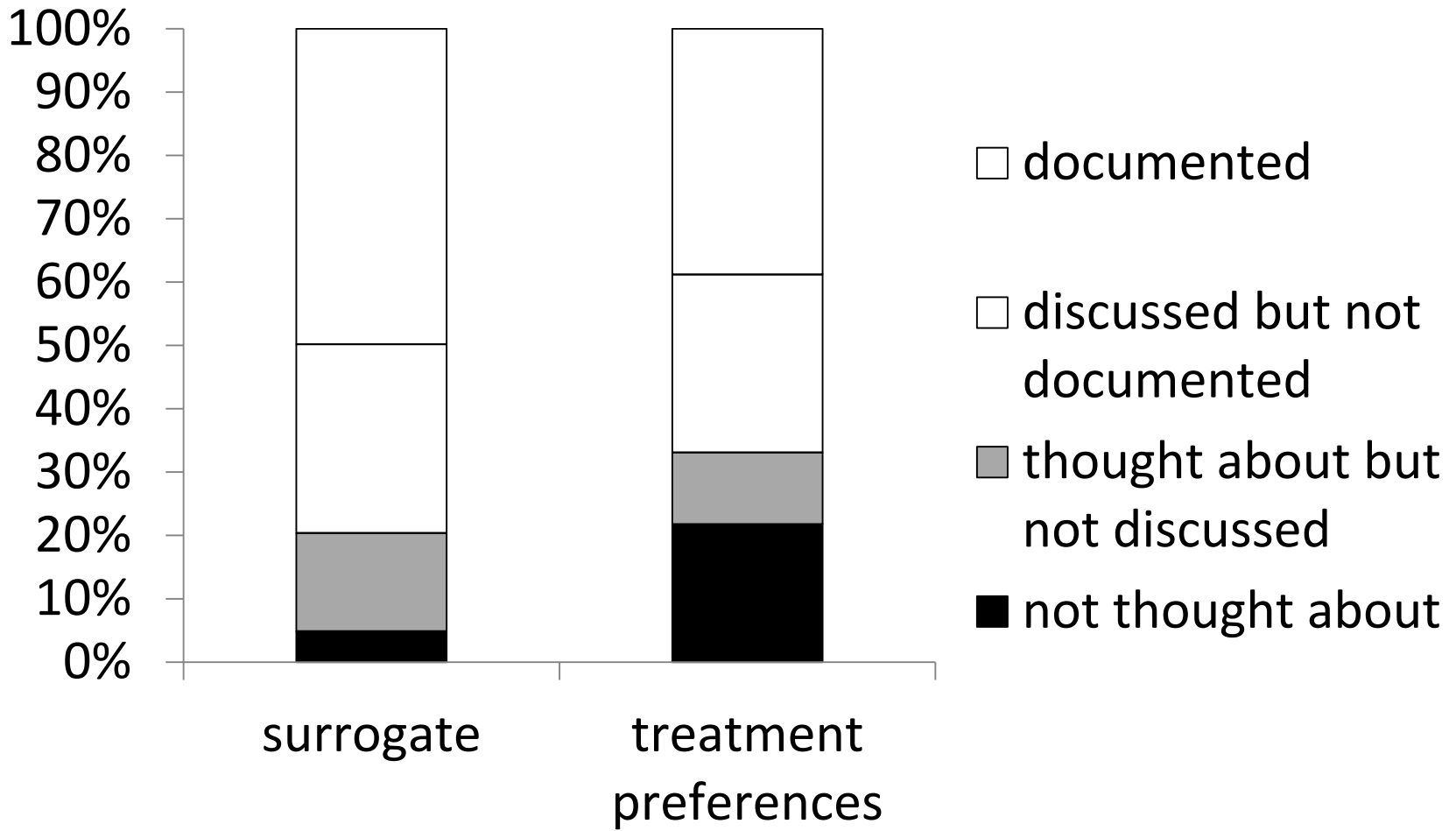
# Readiness to engage in ACP



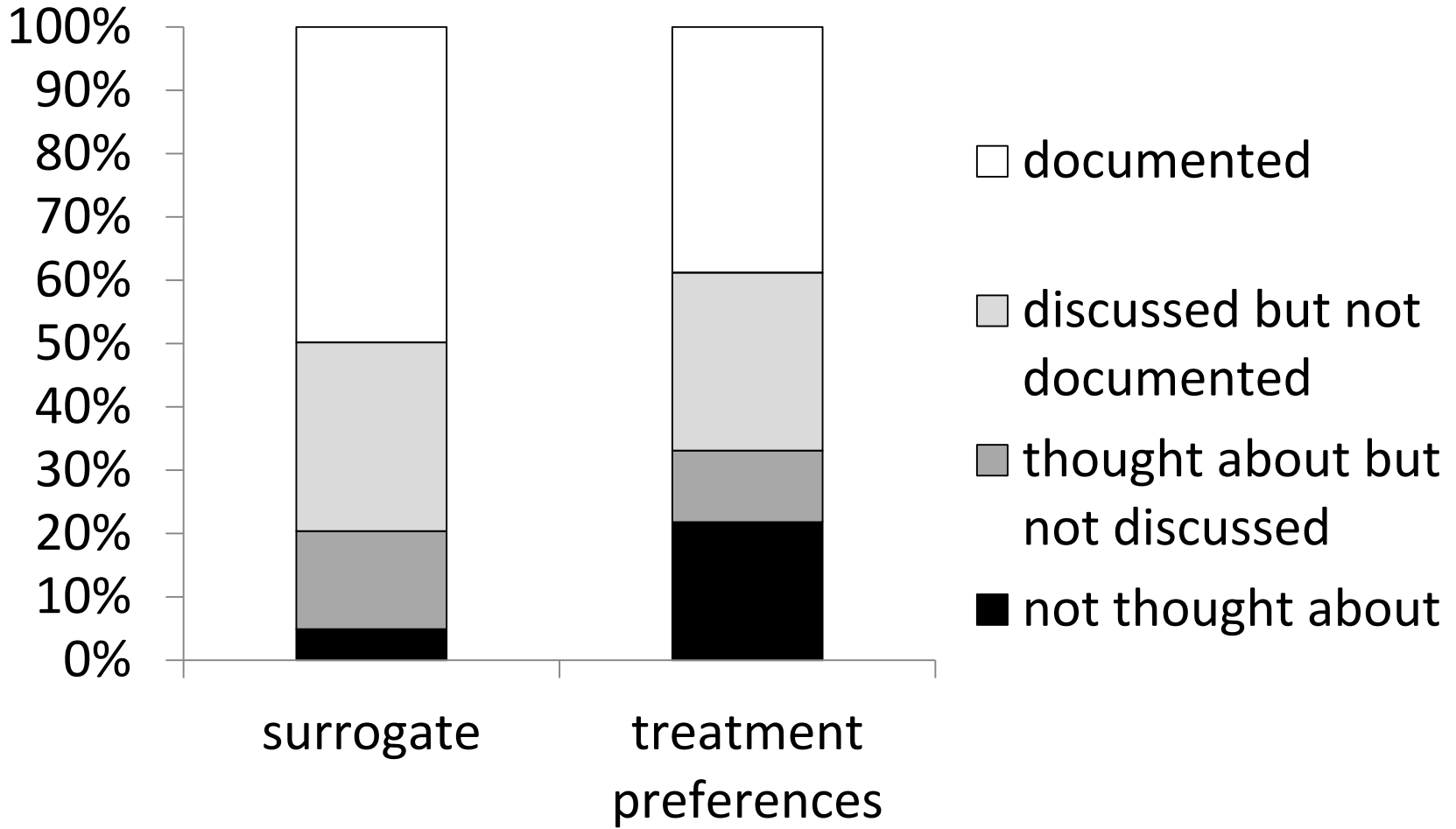
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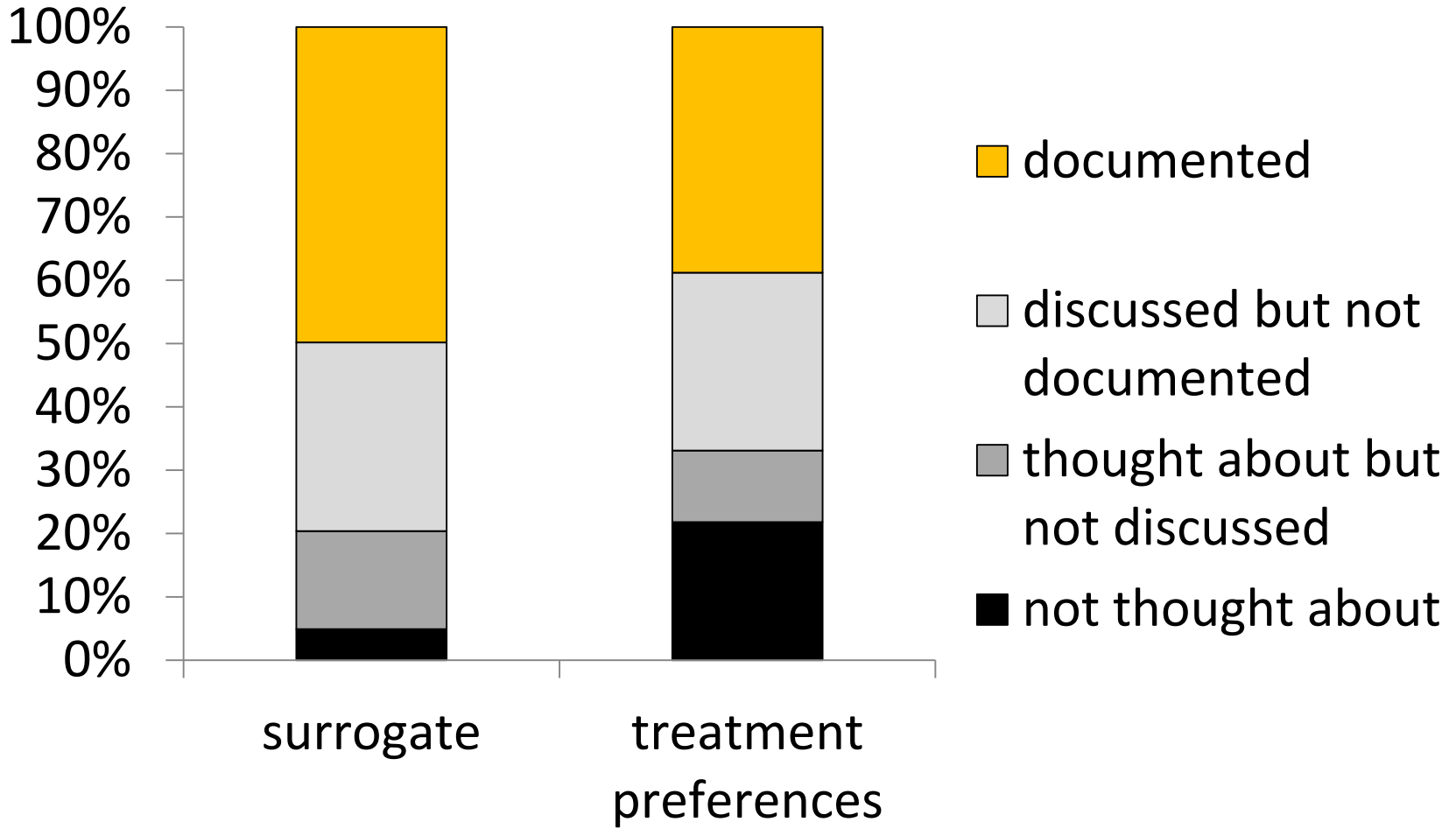
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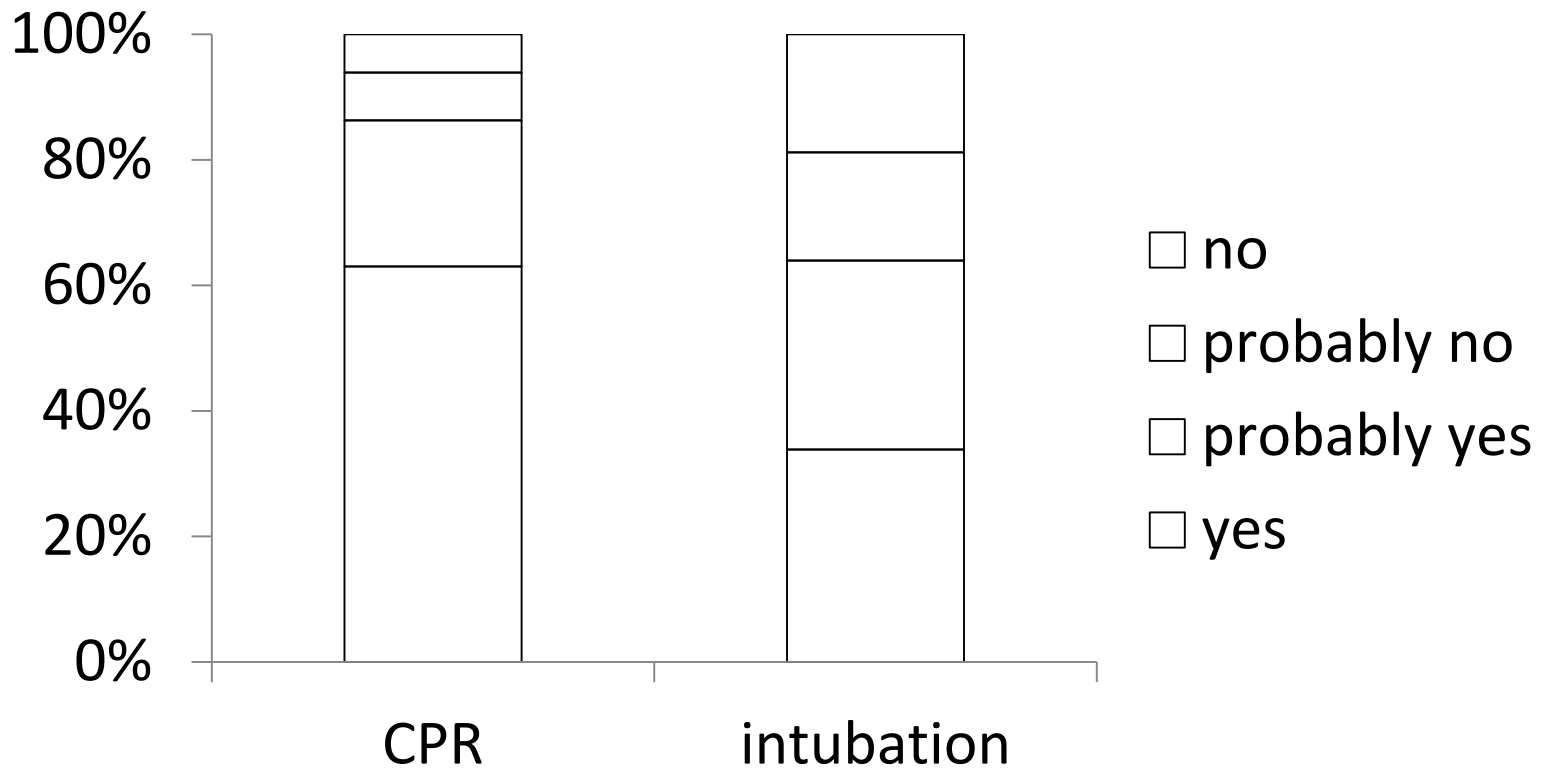


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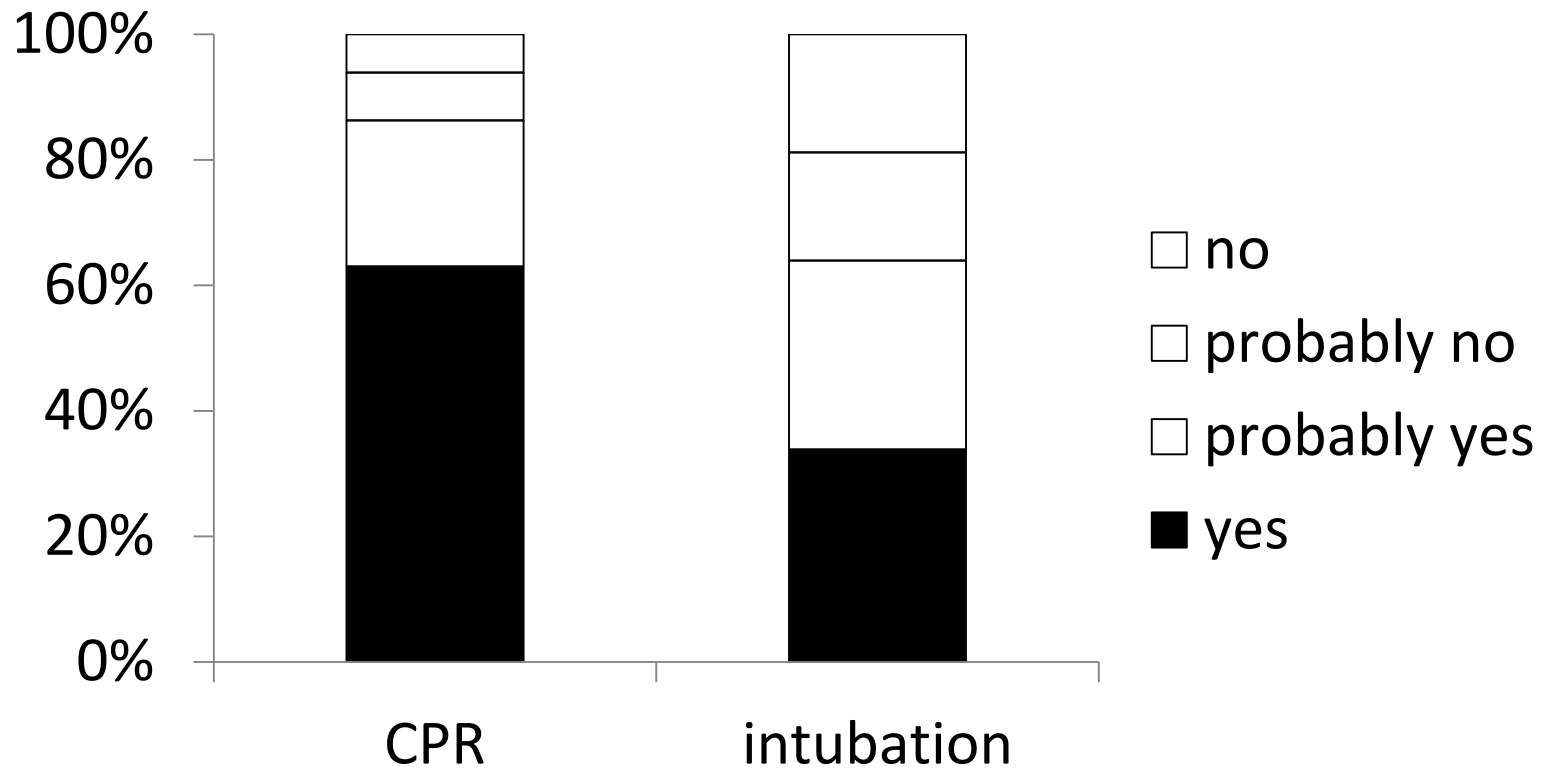




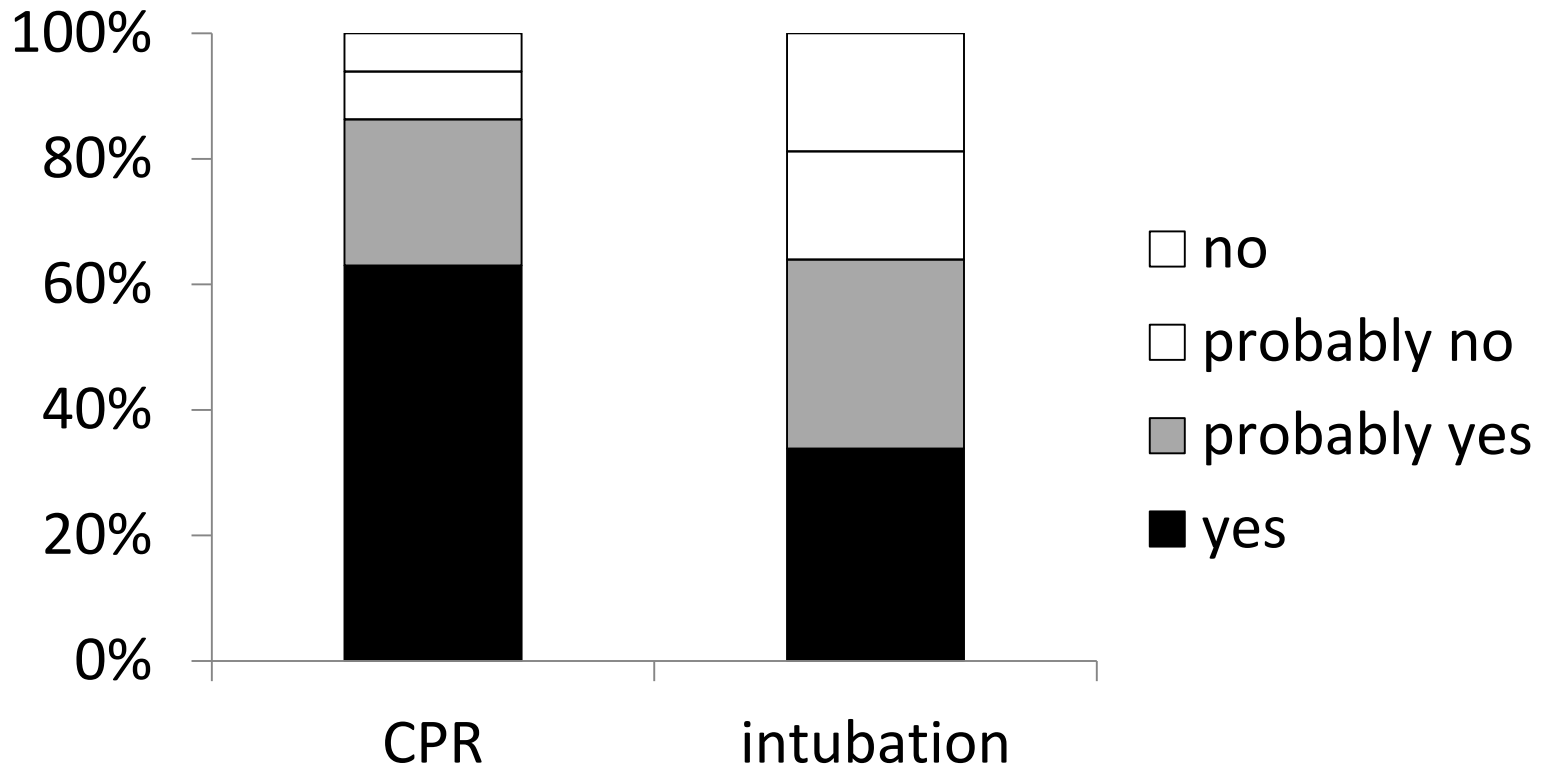
# Preferences for CPR and intubation



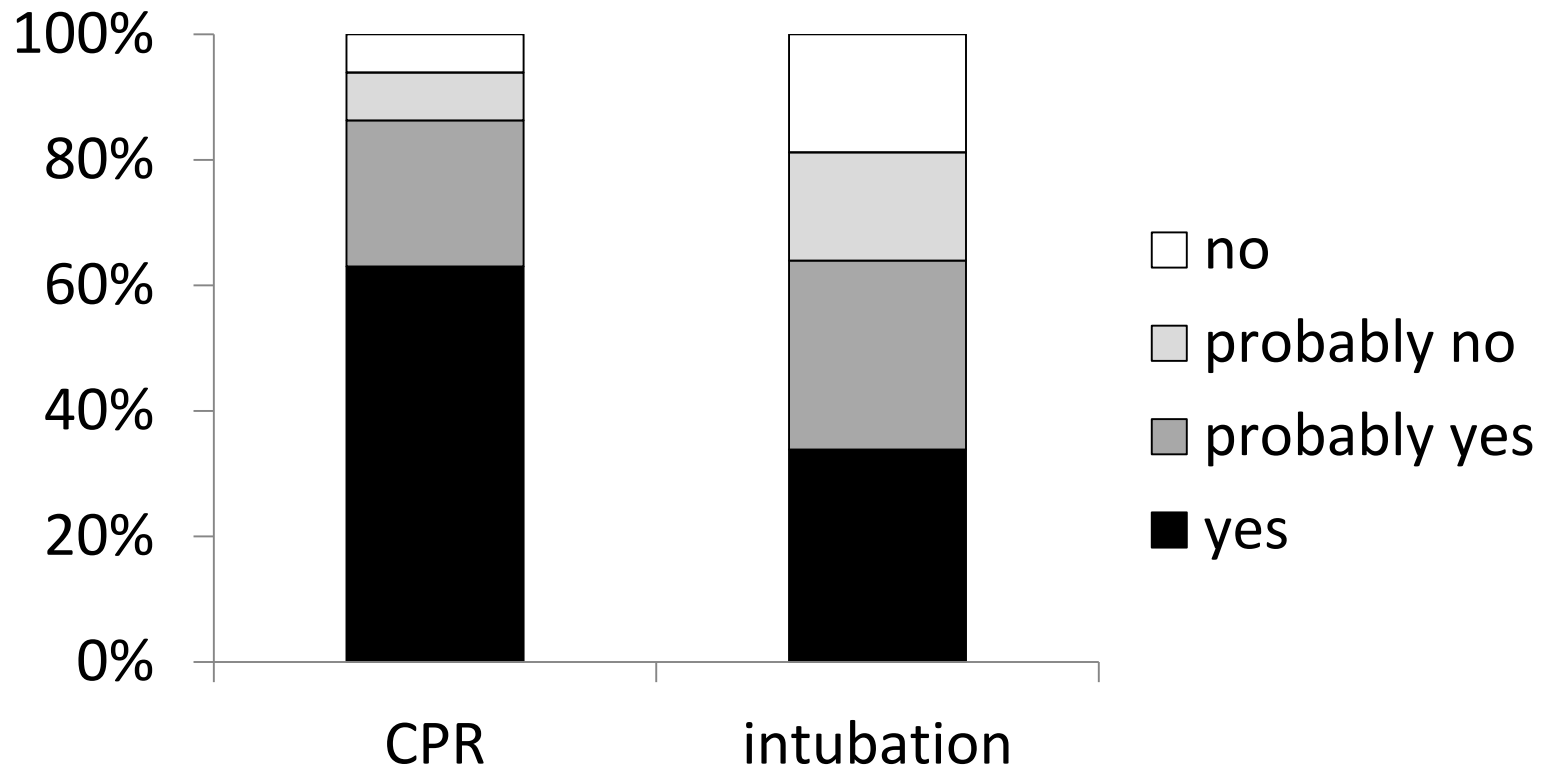
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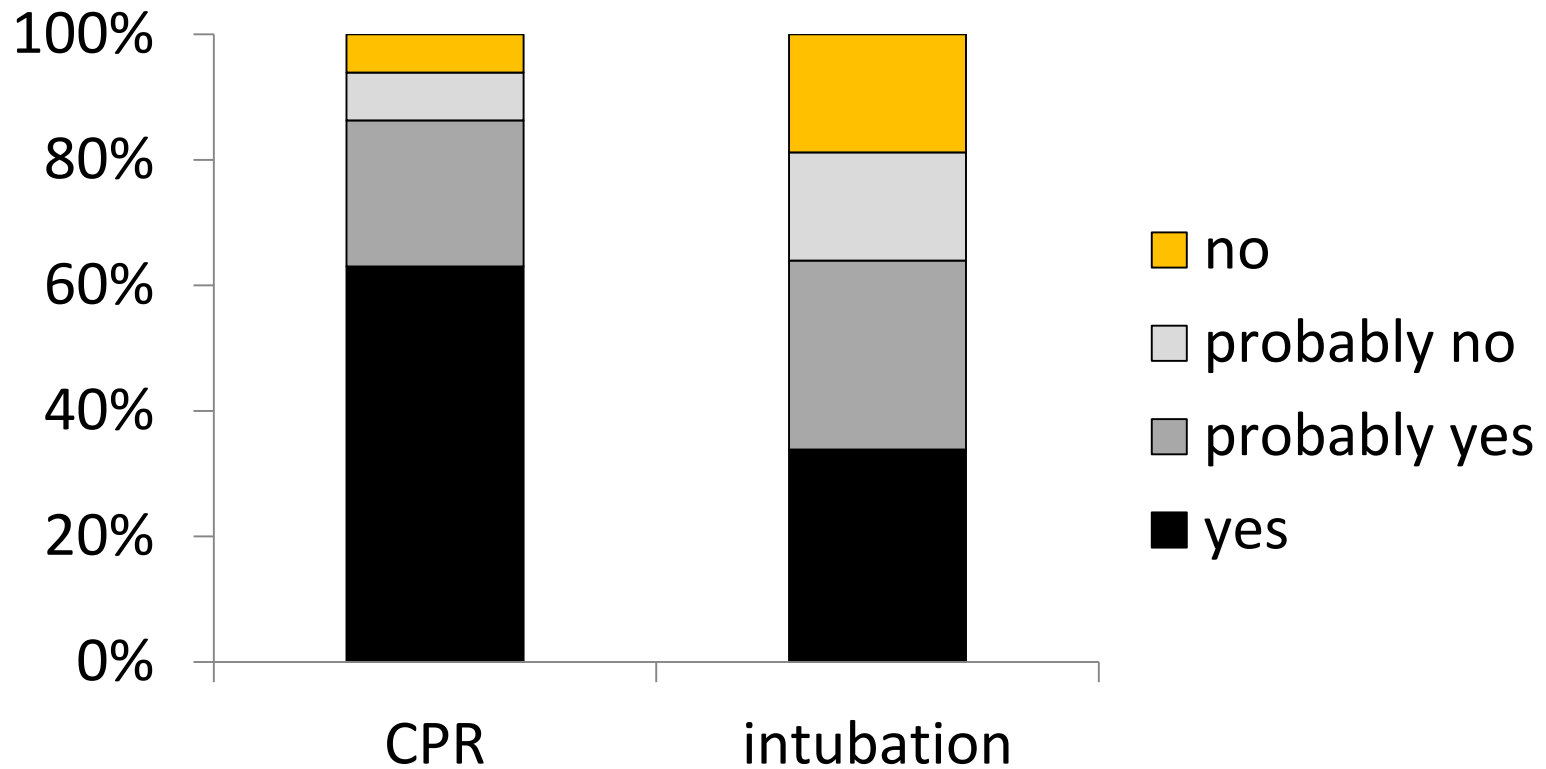
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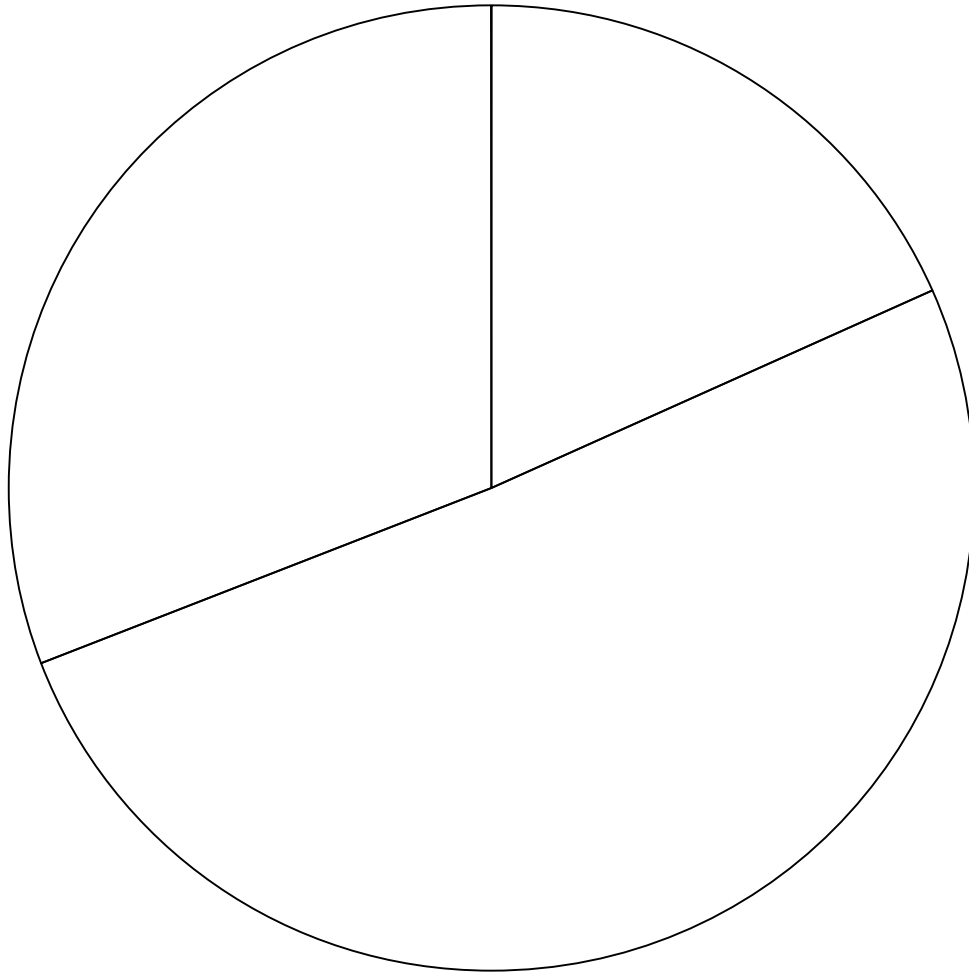
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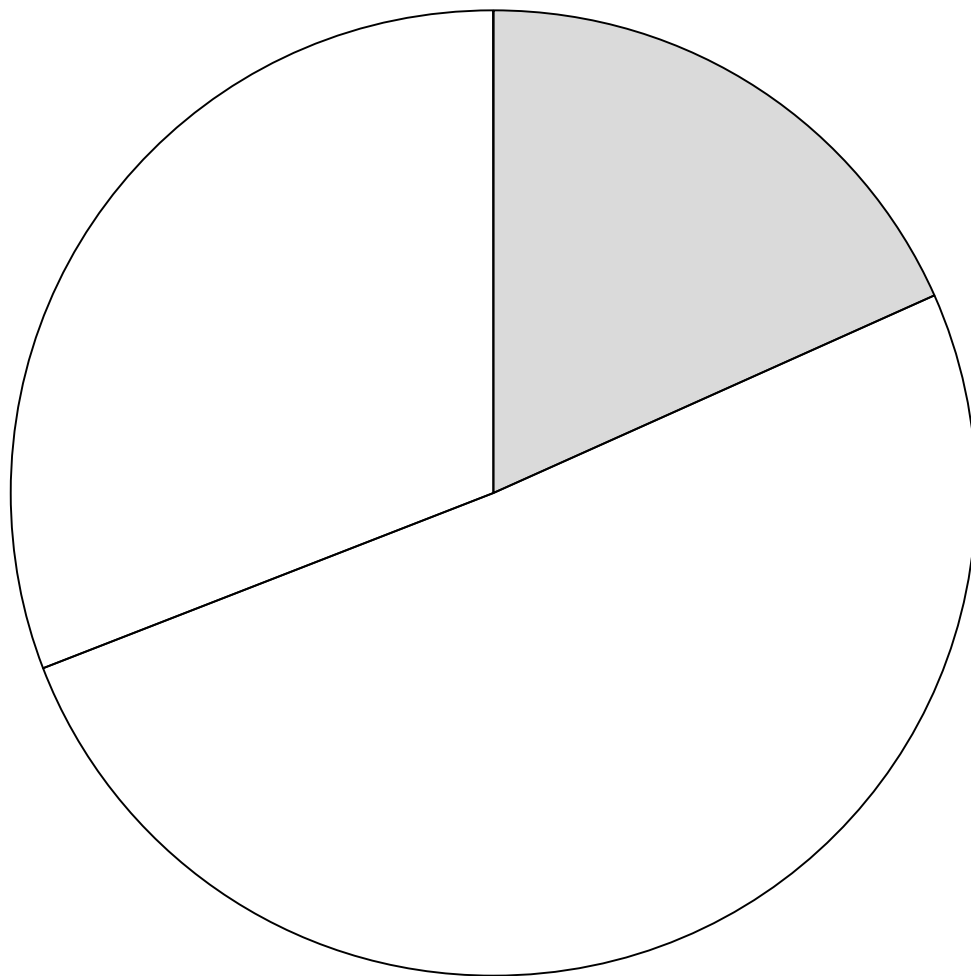


# Values



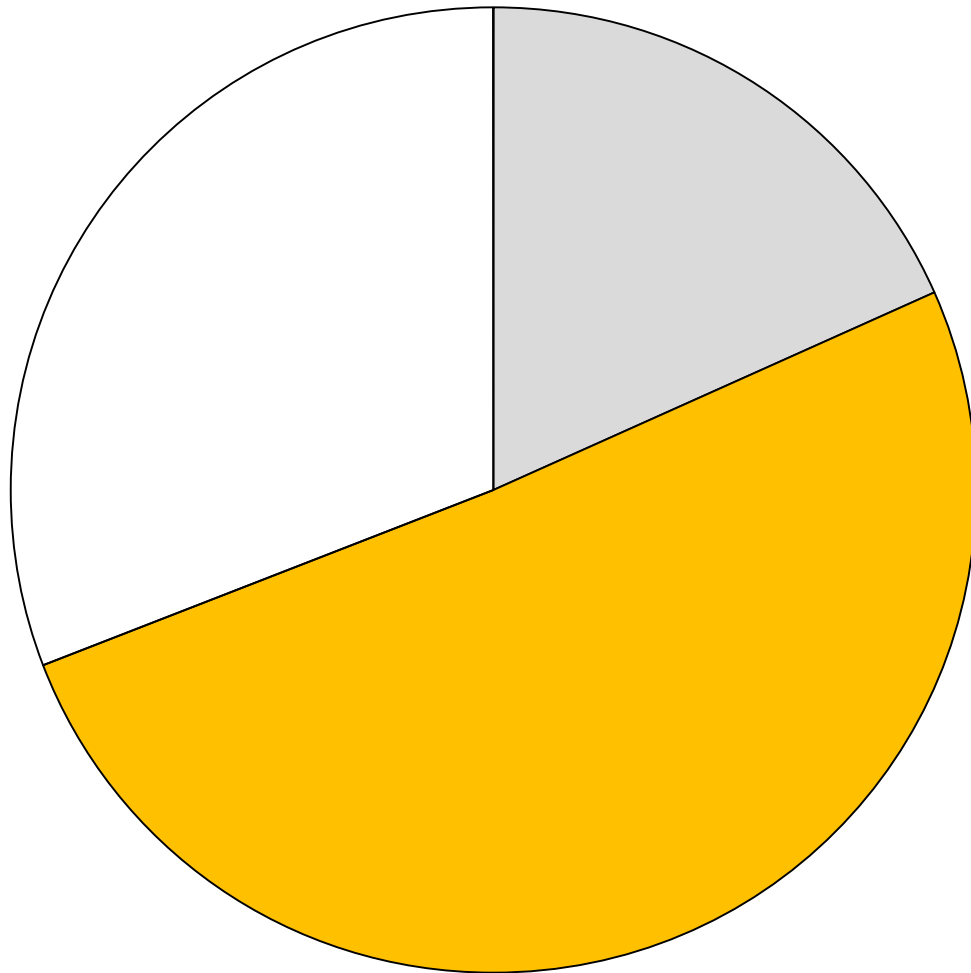
- extend life
- relieve suffering
- not sure

# Values



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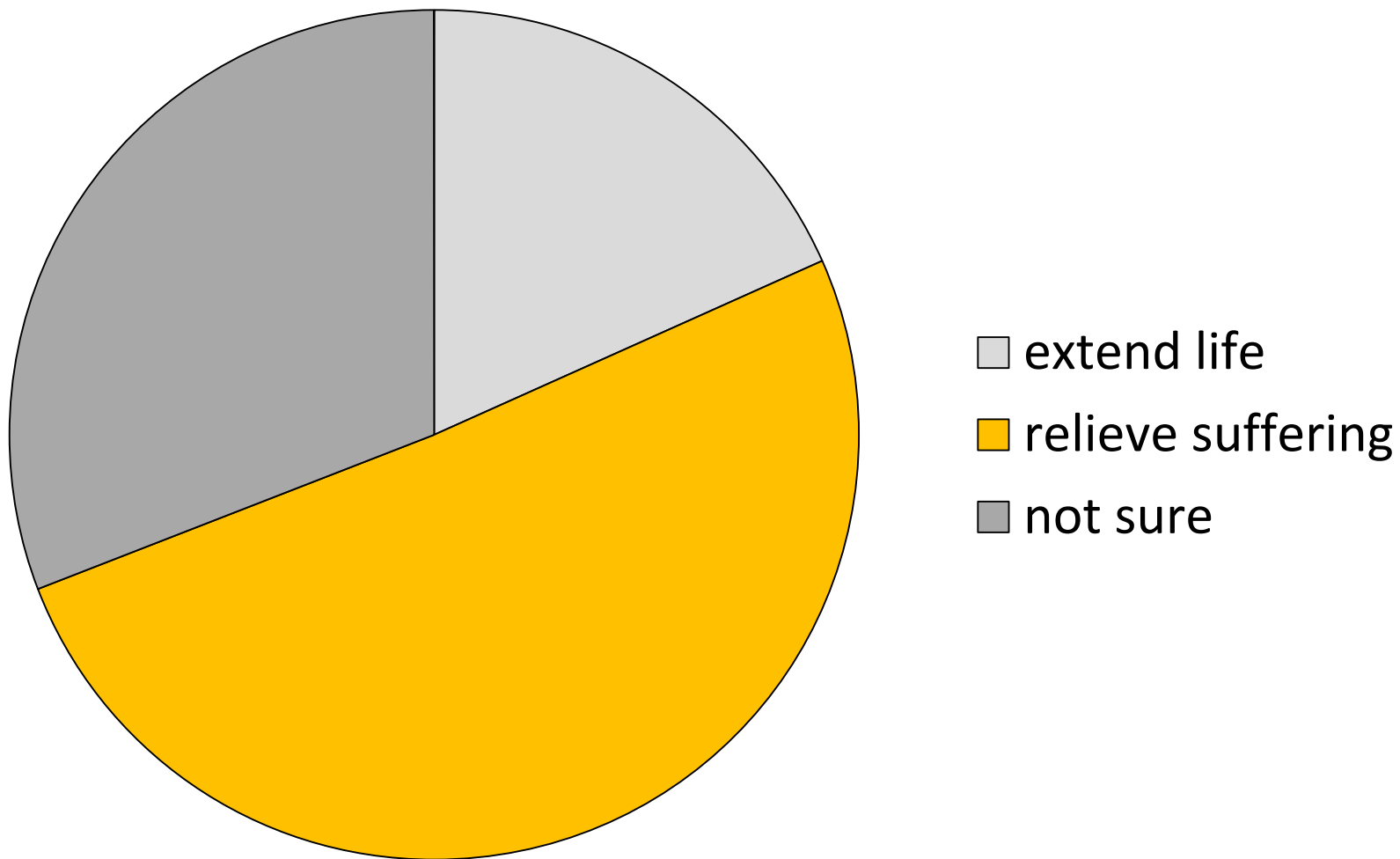
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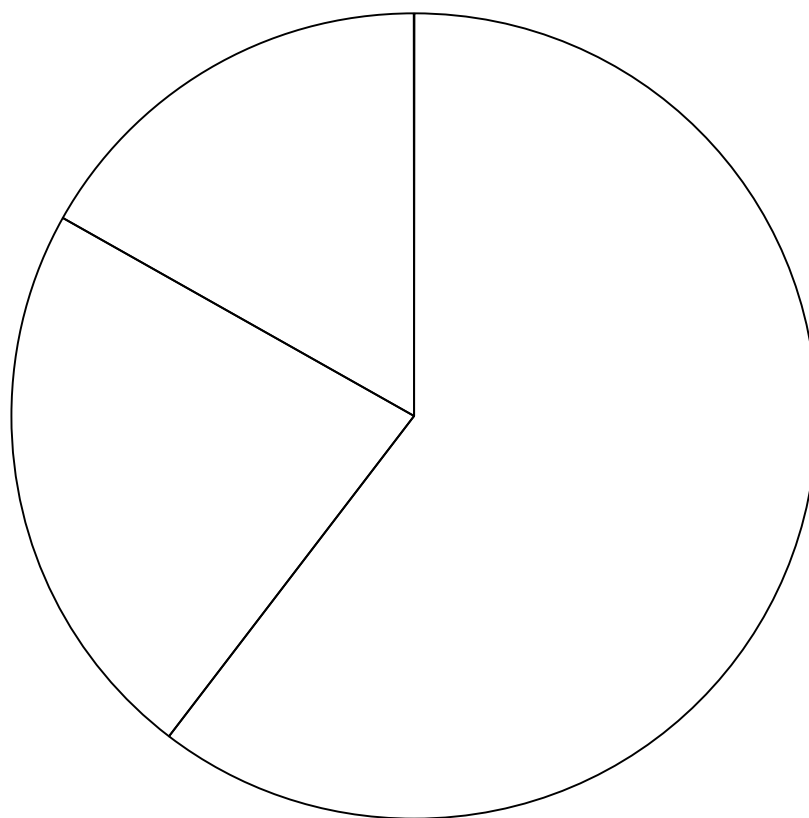
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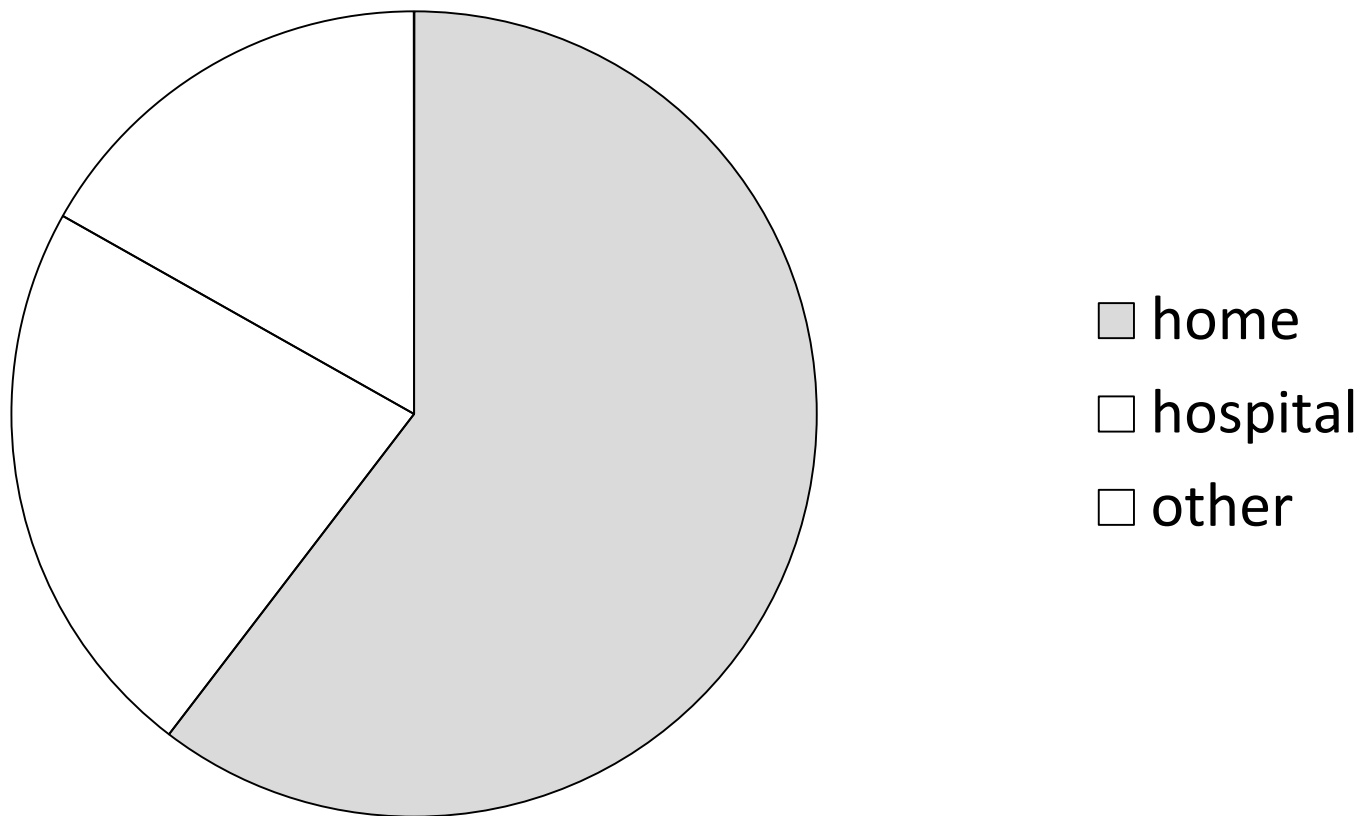


# Preferred place of death

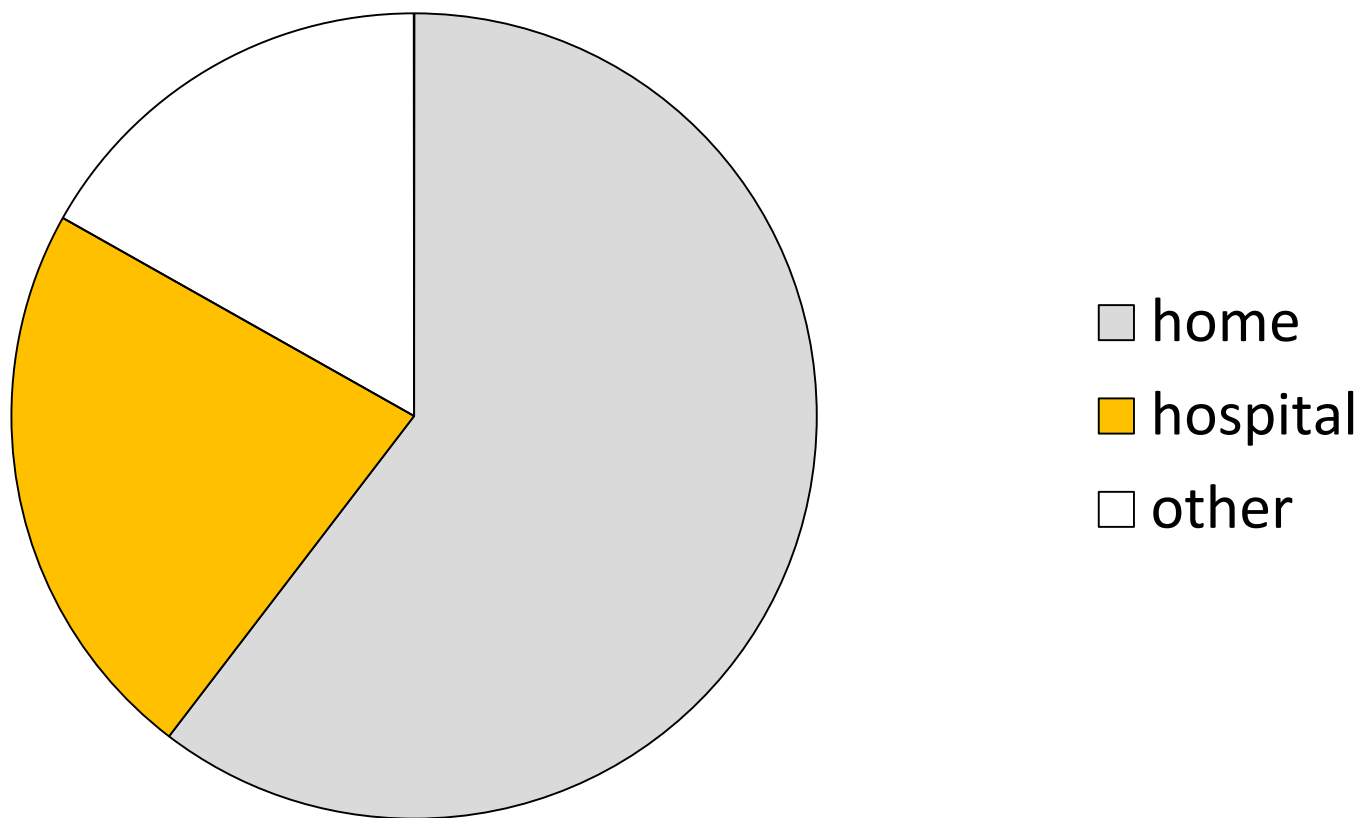


- home
- hospital
- other

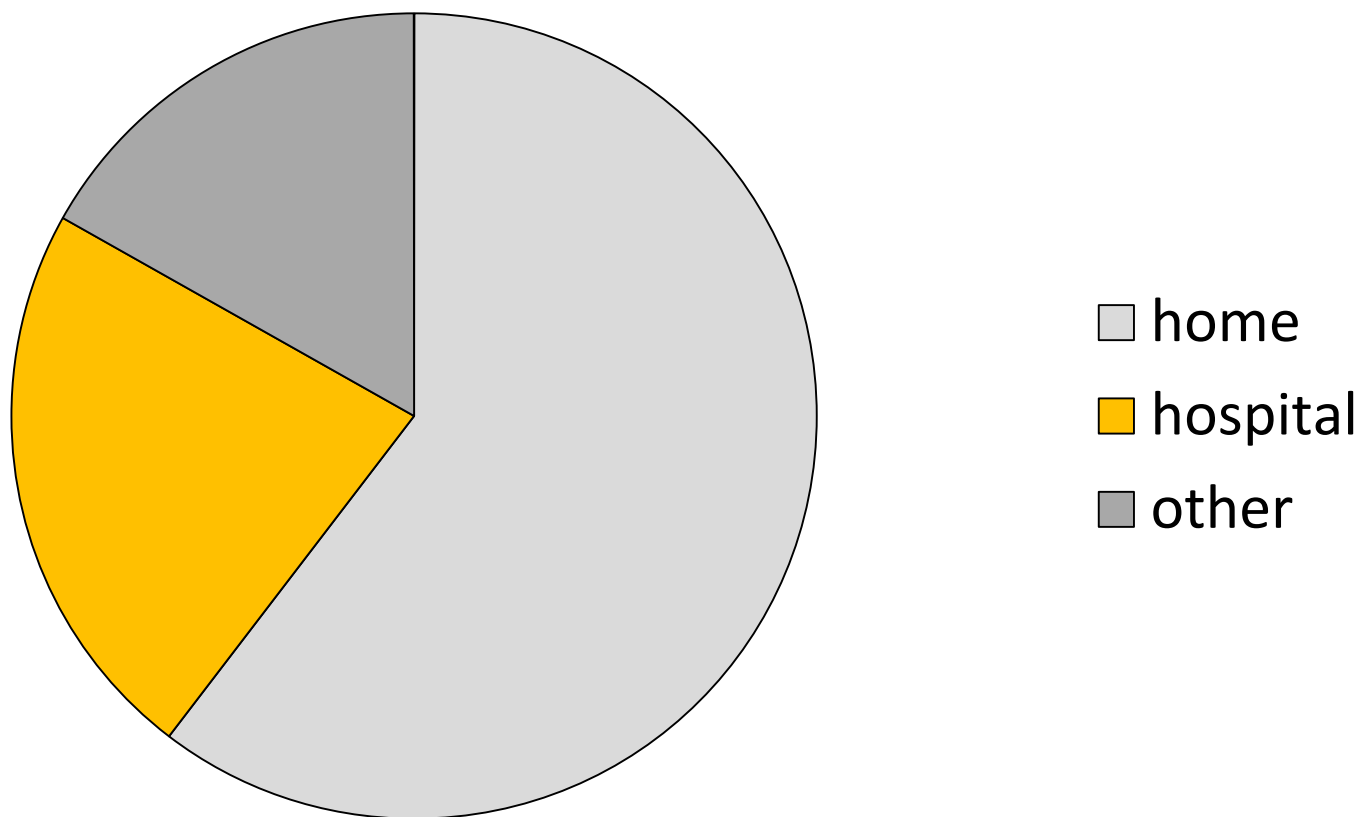
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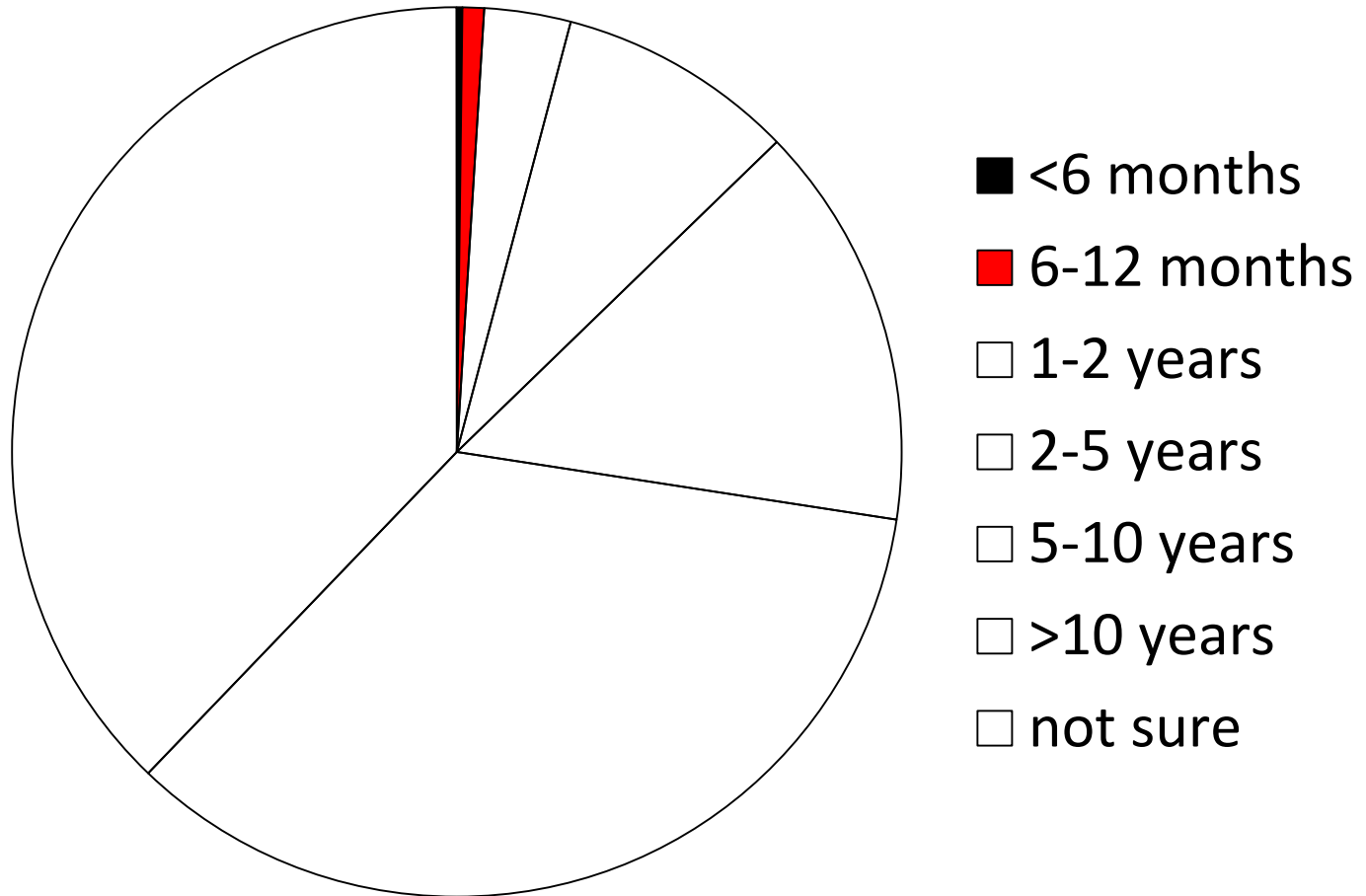
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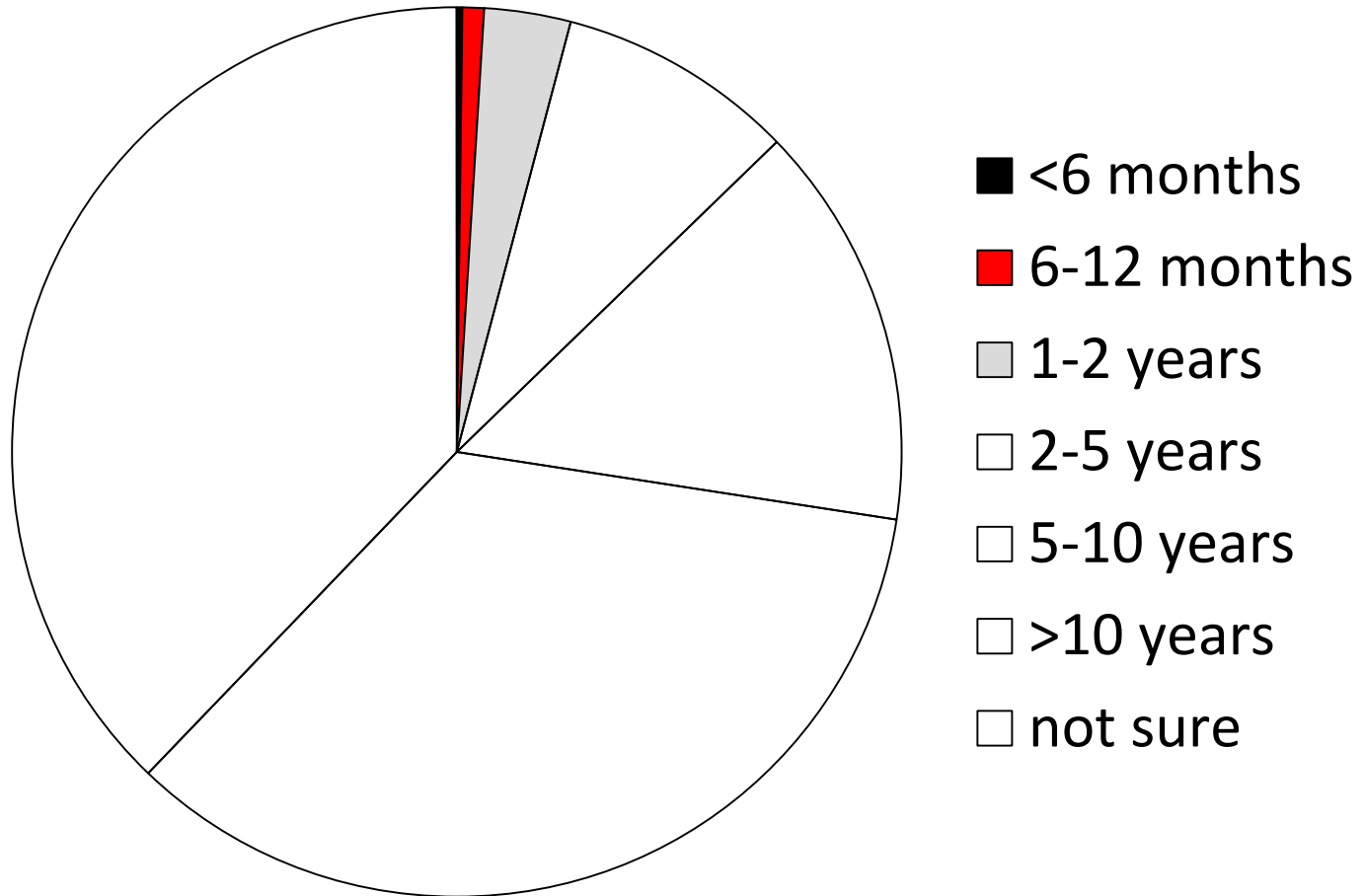
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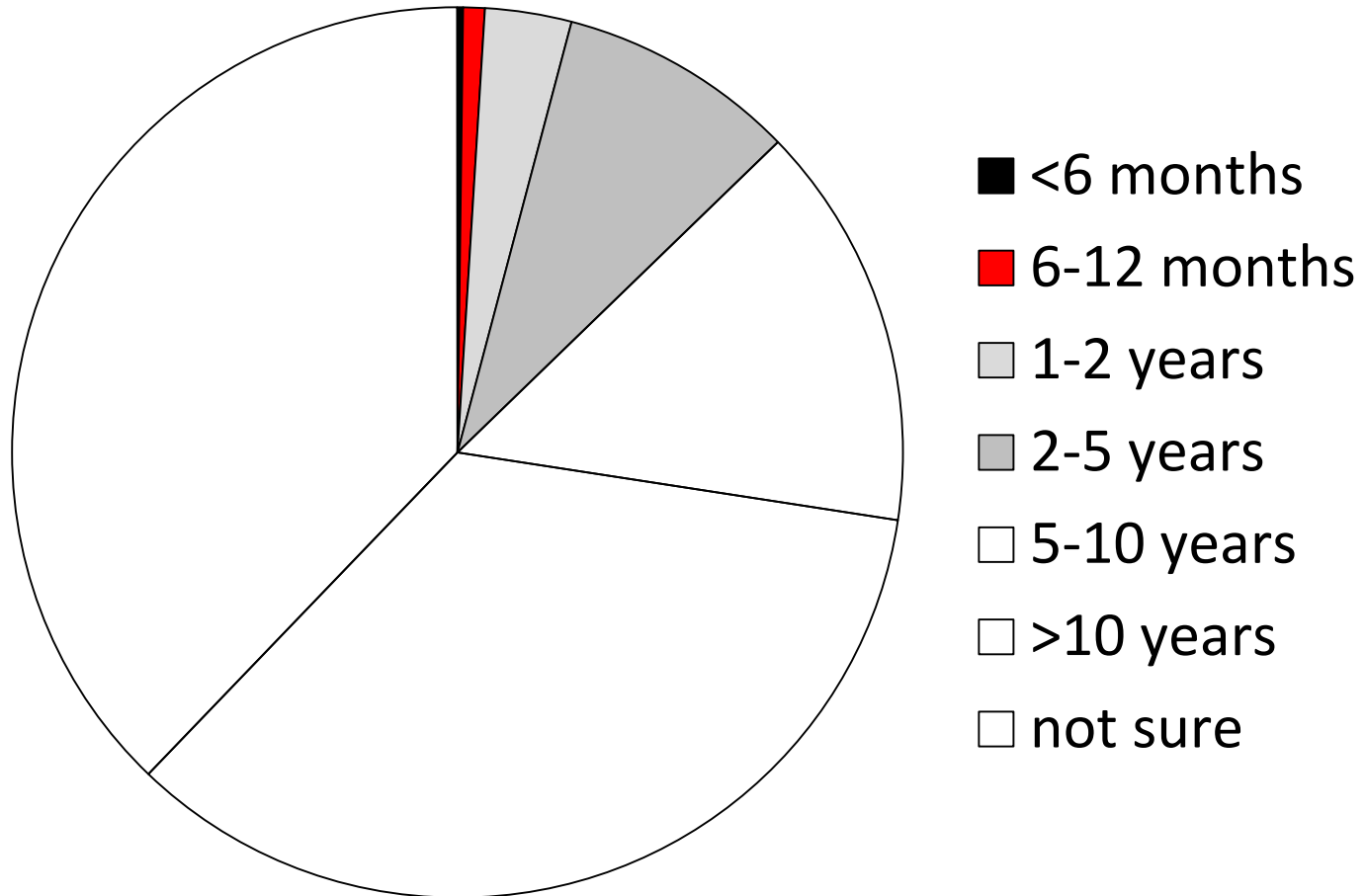
# Prognostic expectations



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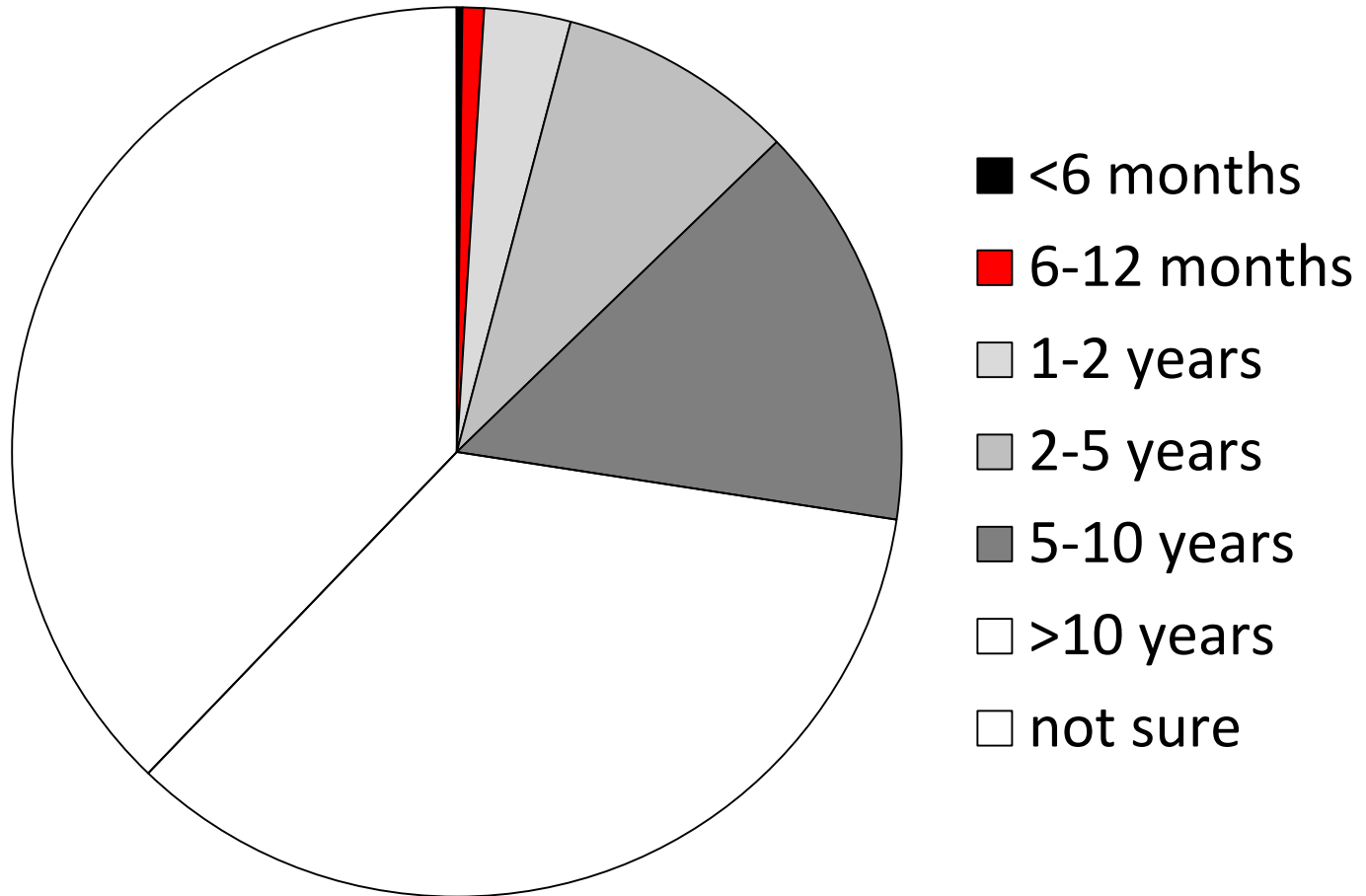


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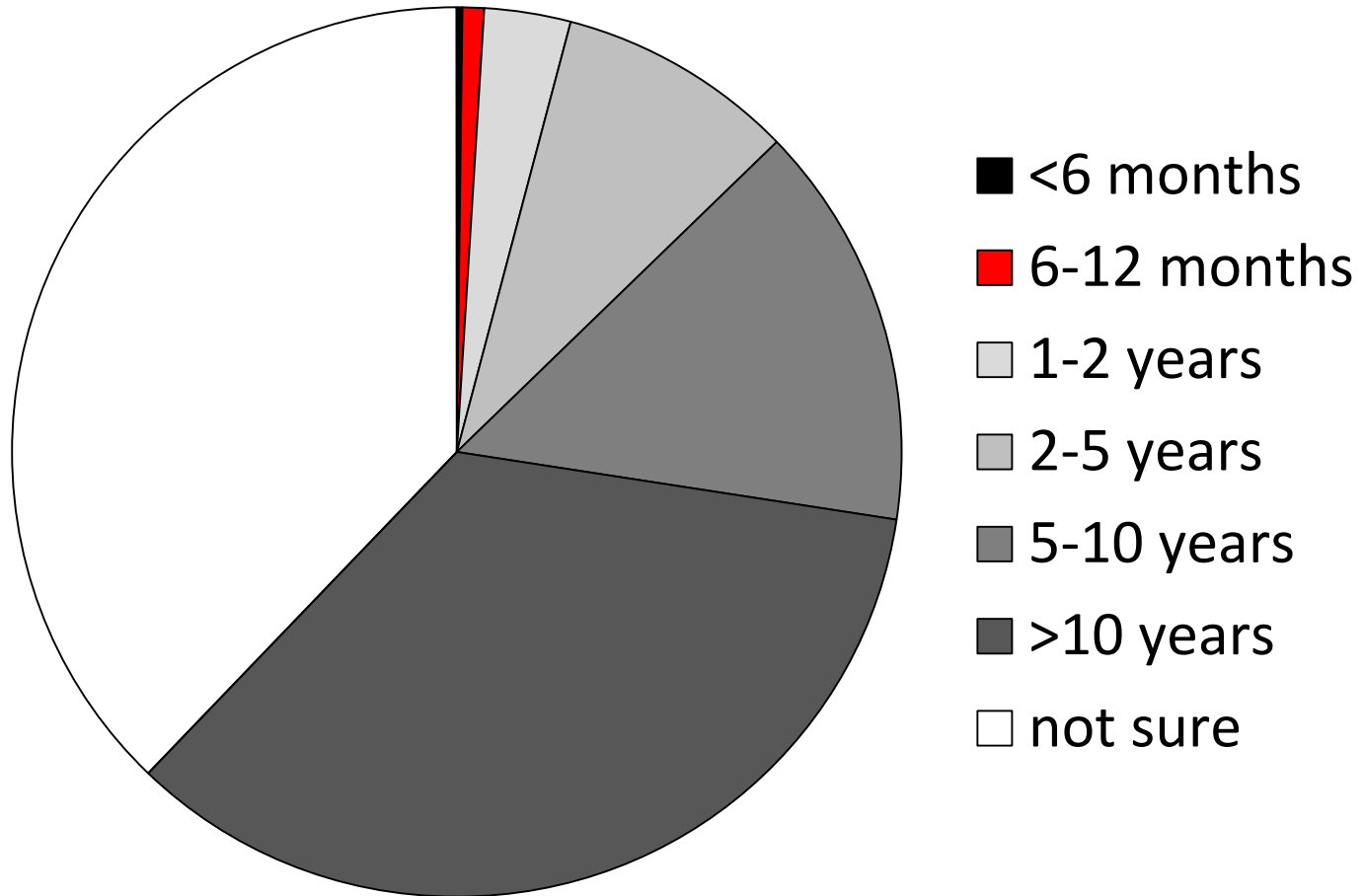




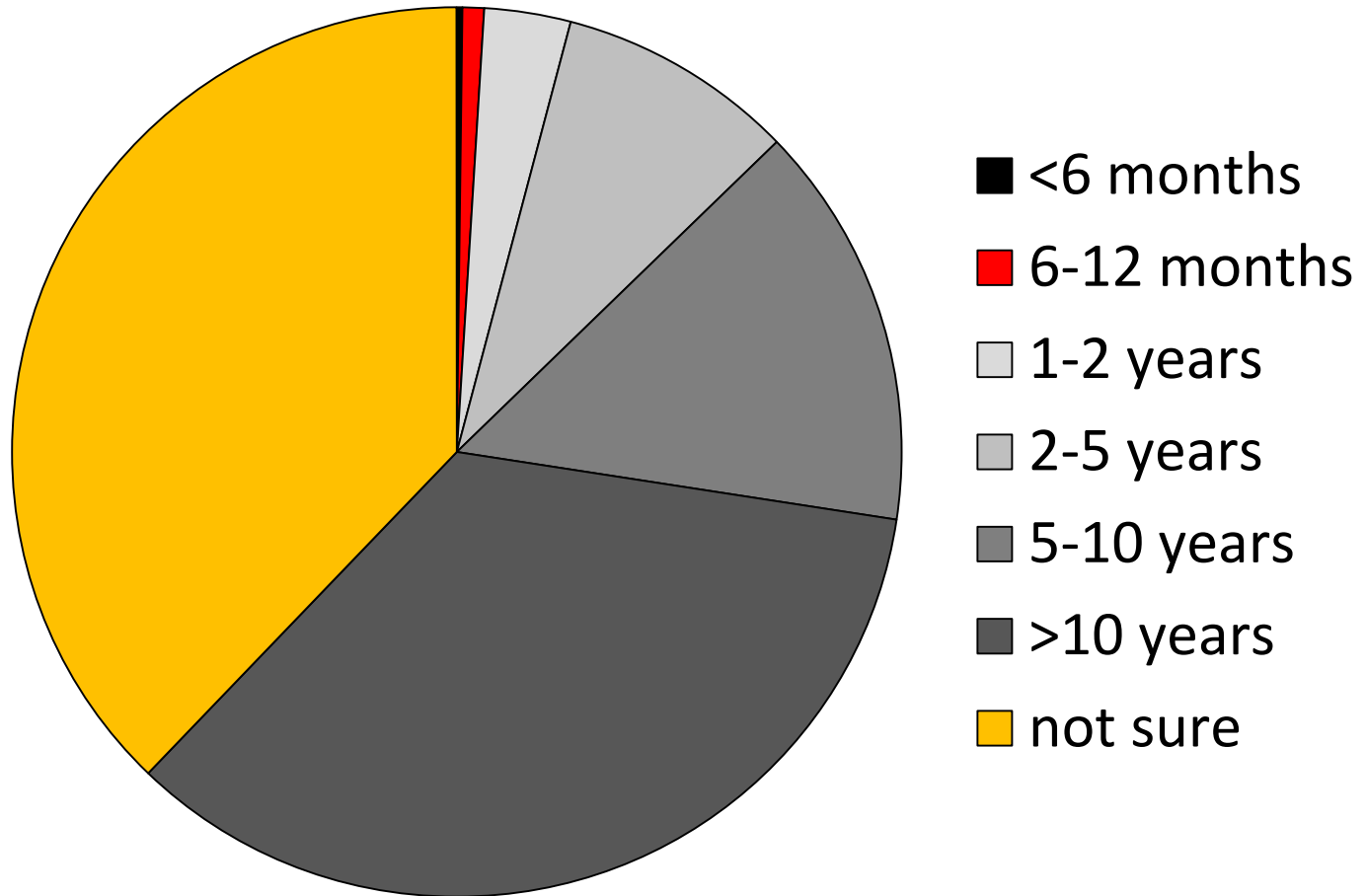
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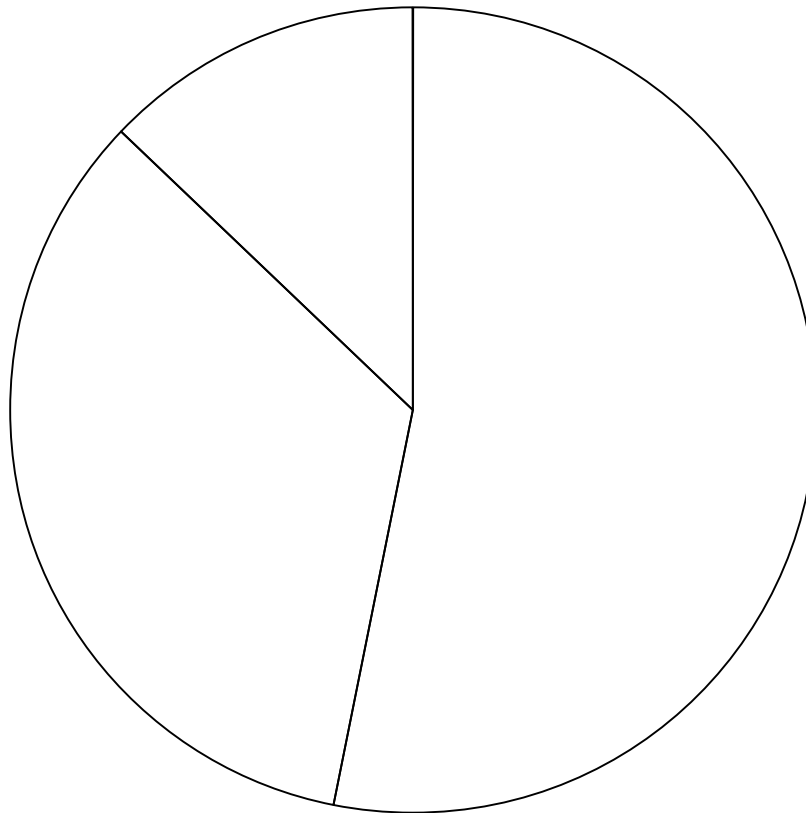
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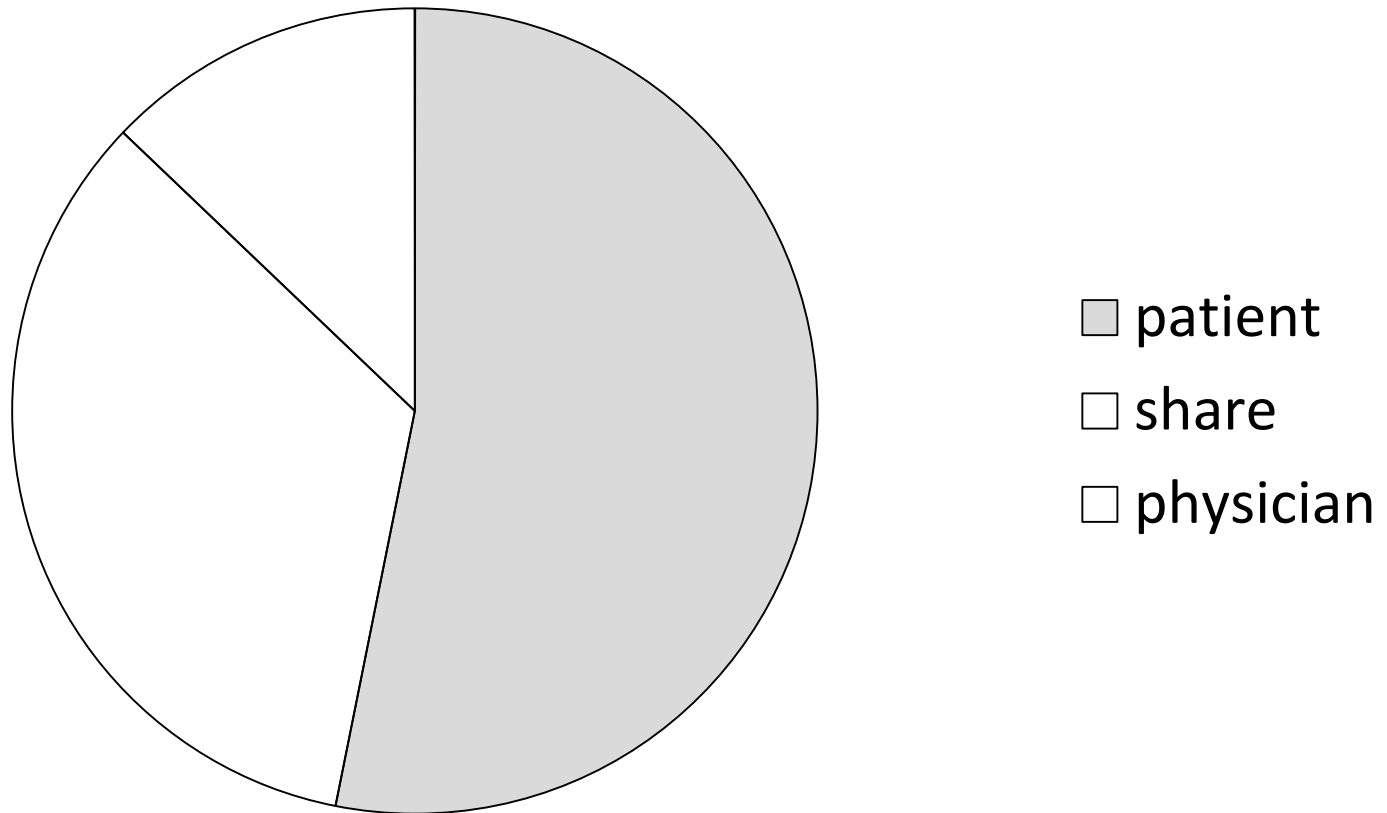


# Decisional role

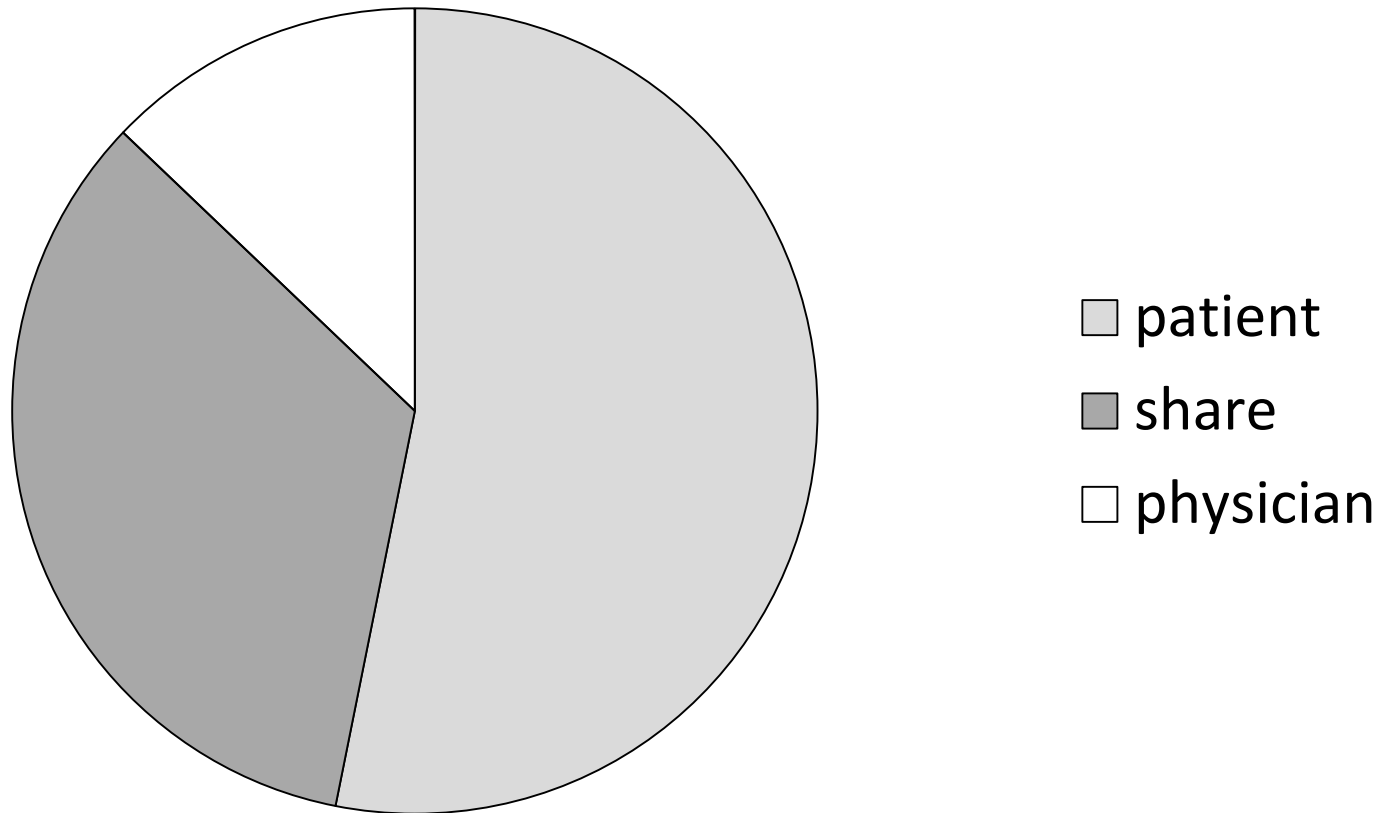


- patient
- share
- physician

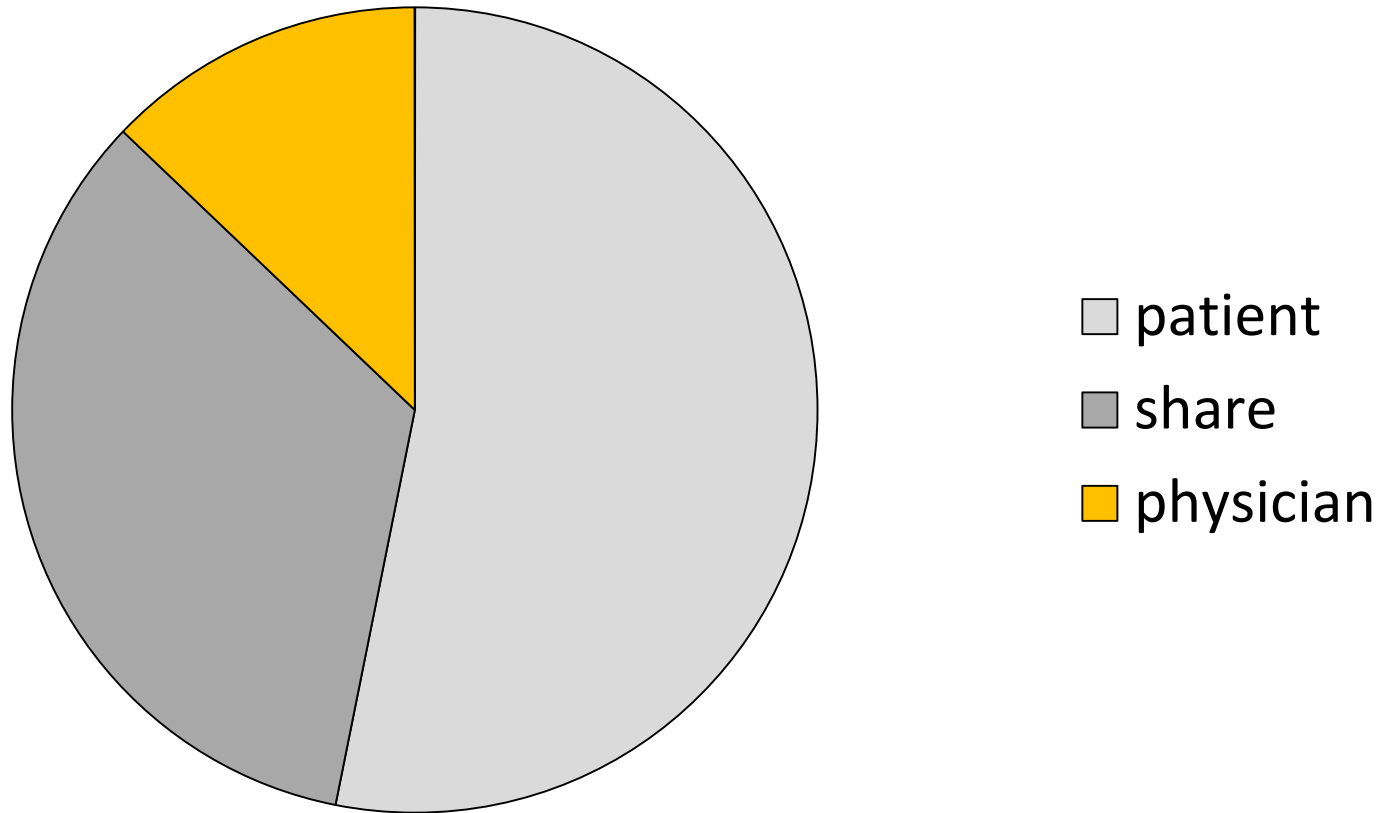
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# Summary: end-of-life decision-making

- Most patients show some readiness to engage in ACP
- Seemingly contradictory preferences: most patients would want intensive procedures intended to prolong life but also value comfort and want to die at home
- Many patients have overly optimistic prognostic expectations
- Patients differ in preferred decisional role but many want control over decision-making



# USRDS Special Studies Center on Palliative and End-of-life care (U01DK102150)

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- Randy Curtis
- Sue Hailpern
- William Kreuter
- Linda Manahan
- Carlyn Clark
- Kristen O'Loughlin
- Yoshio Hall
- Paul Hebert
- Ronit Katz
- Danielle Lavallee
- Lisa Vig
- Ann O'Hare (Co-PI)

## Stanford University

- Sai Liu
- Maria Montez-Rath
- Manjula Kurella Tamura (Co-PI)

## USRDS Coordinating Center

- Rajiv Saran, Bruce Robinson, Qi Li

## NIDDK

- Paul Eggers, Kevin Abbott and Larry Agodoa