



DIALYSIS OUTCOMES AND  
PRACTICE PATTERNS STUDY

# **Celebrating 20 Years and Looking Ahead**

**EDTNA Congress 2016  
Valencia Spain**

**Chairpersons:**

Anna Marti Monros and Francesca Tentori

# Acknowledgements – 2015/16

## Principal Study Funders:

**Amgen      Baxter Healthcare      Kyowa Hakko Kirin**

## Project/Country-Specific Support:

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Merck, Proteon, Relypsa, Sanofi, Shire, Vifor Fresenius Medical Care  
Renal Pharma, ERA-EDTA, Japanese Society for PD, WiNe Institute,  
Societies for Nephrology in Germany, Italy, & Spain**

## Public Funding of Projects/Ancillary Studies In:

**Australia, Canada, France, United Kingdom, United States**

**All support for the DOPPS Program is provided without restrictions on publications.**

# Agenda

1. The DOPPS Program continues to grow – **Francesca Tentori**
2. New study directions: PDOPPS and CKDOPPS – **Justin Albert**
3. Recent findings from EURODOPPS – **Patricia de Sequera**
4. The patient experience as a key outcome in DOPPS – **Jenny King**
5. Panel Discussion

# D P P S

DIALYSIS OUTCOMES AND  
PRACTICE PATTERNS STUDY

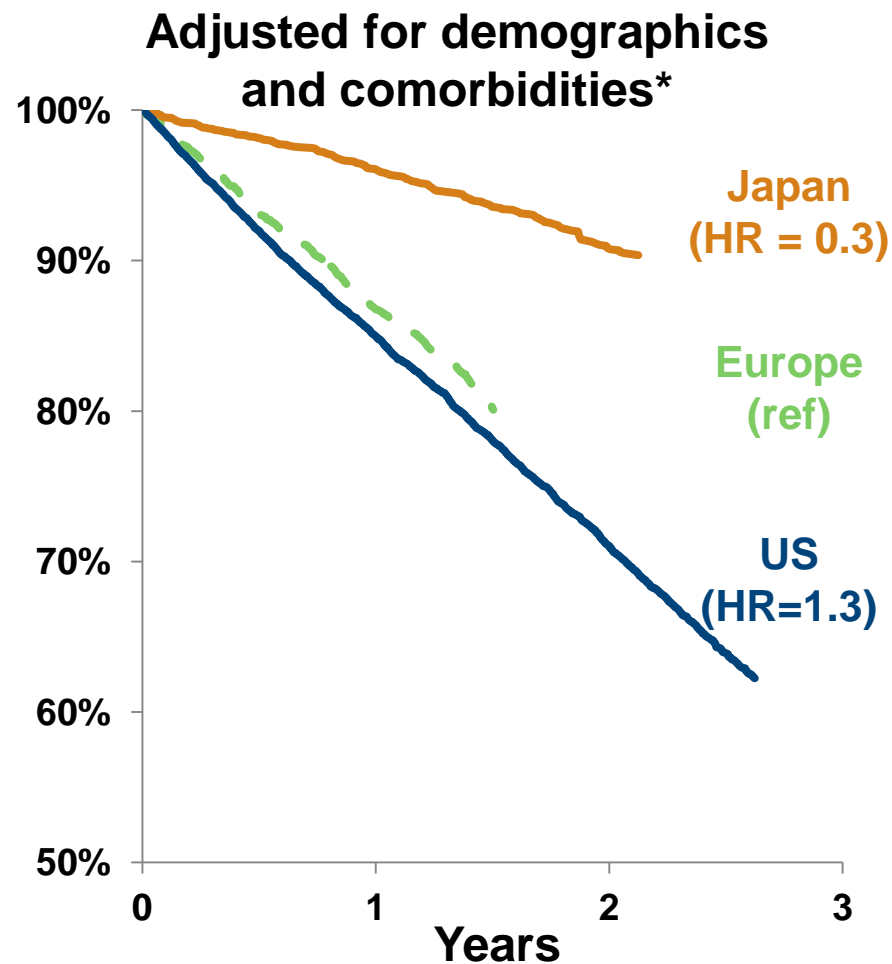
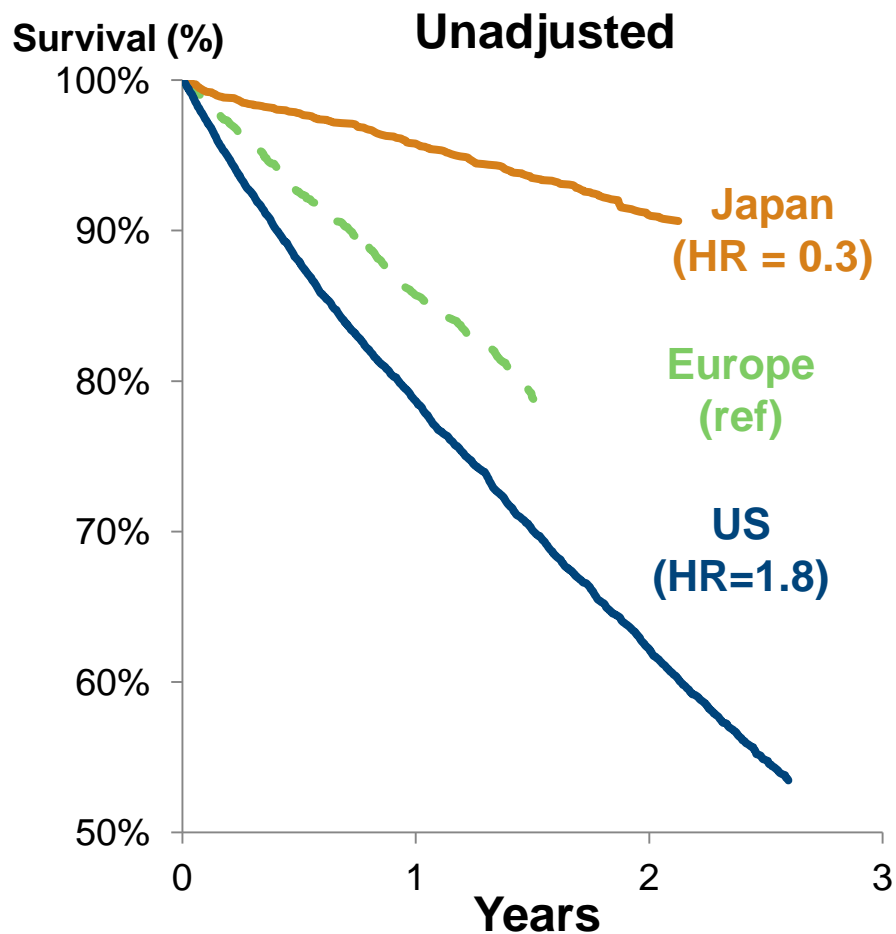
## **The DOPPS program continues to grow**

**Francesca Tentori, MD, MS**

Arbor Research Collaborative for Health

# Survival Among Hemodialysis Patients by Region

## – DOPPS 1 Patients (1996-2001) –

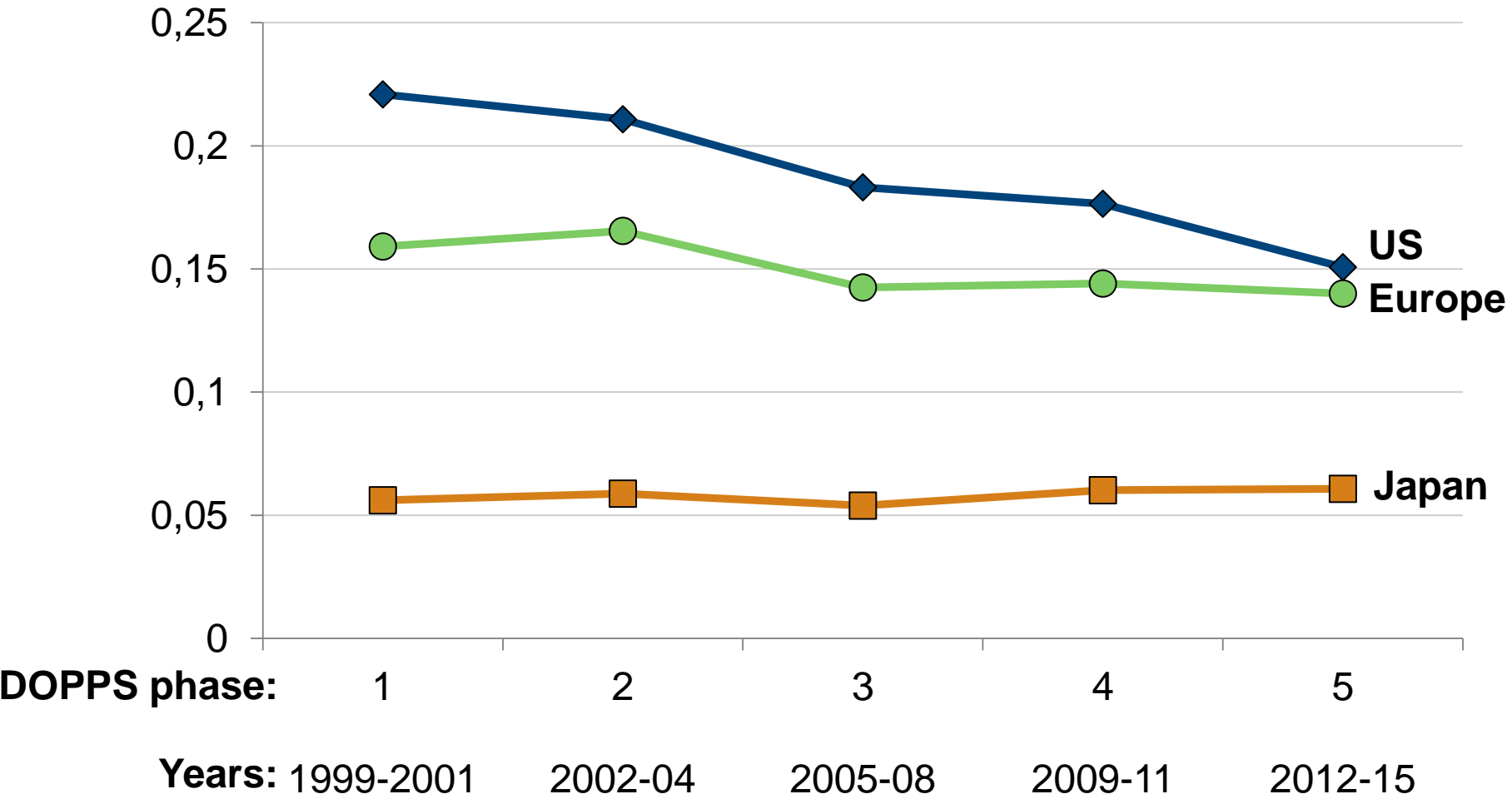


\* N=16,720 patients, adjusted accounting for facility clustering, adjusted model containing smoking status, vintage, age, BMI, sex, and 14 comorbid conditions by adjusting all curves to mean values

Ref. group updated, Goodkin et al. *JASN* (2003)

# Unadjusted death rates by DOPPS region

Death rate (/patient-year)



Unadjusted rates from census within each facility

# DOPPS

## Framework for Hypotheses

**Patient Demographics**

+

**Patient Comorbidities**

+

**Practice Patterns**

**Patient Outcomes**

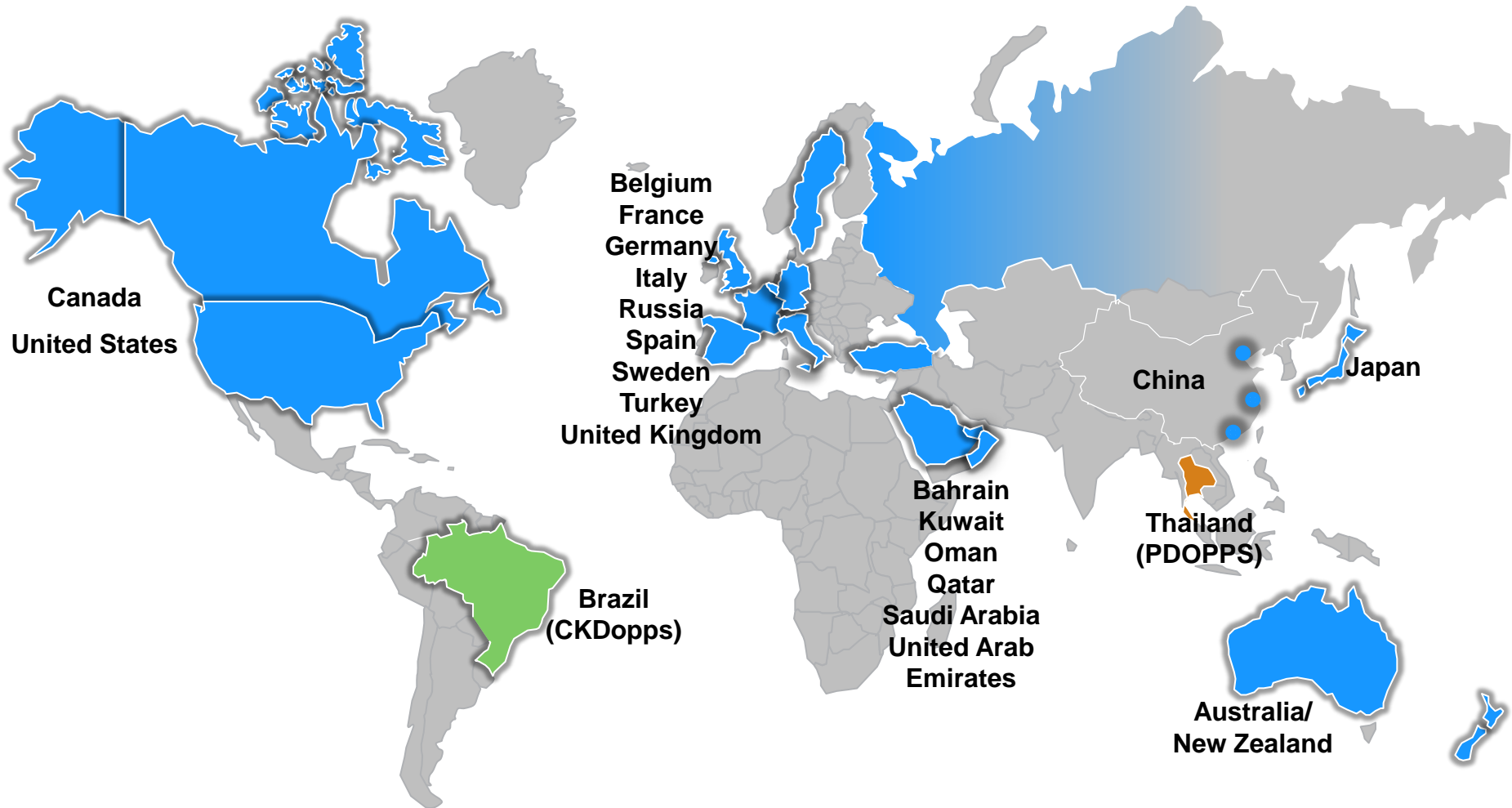
**Mortality**

**Hospitalization**

**Dialysis access**

**Patient-reported outcomes**

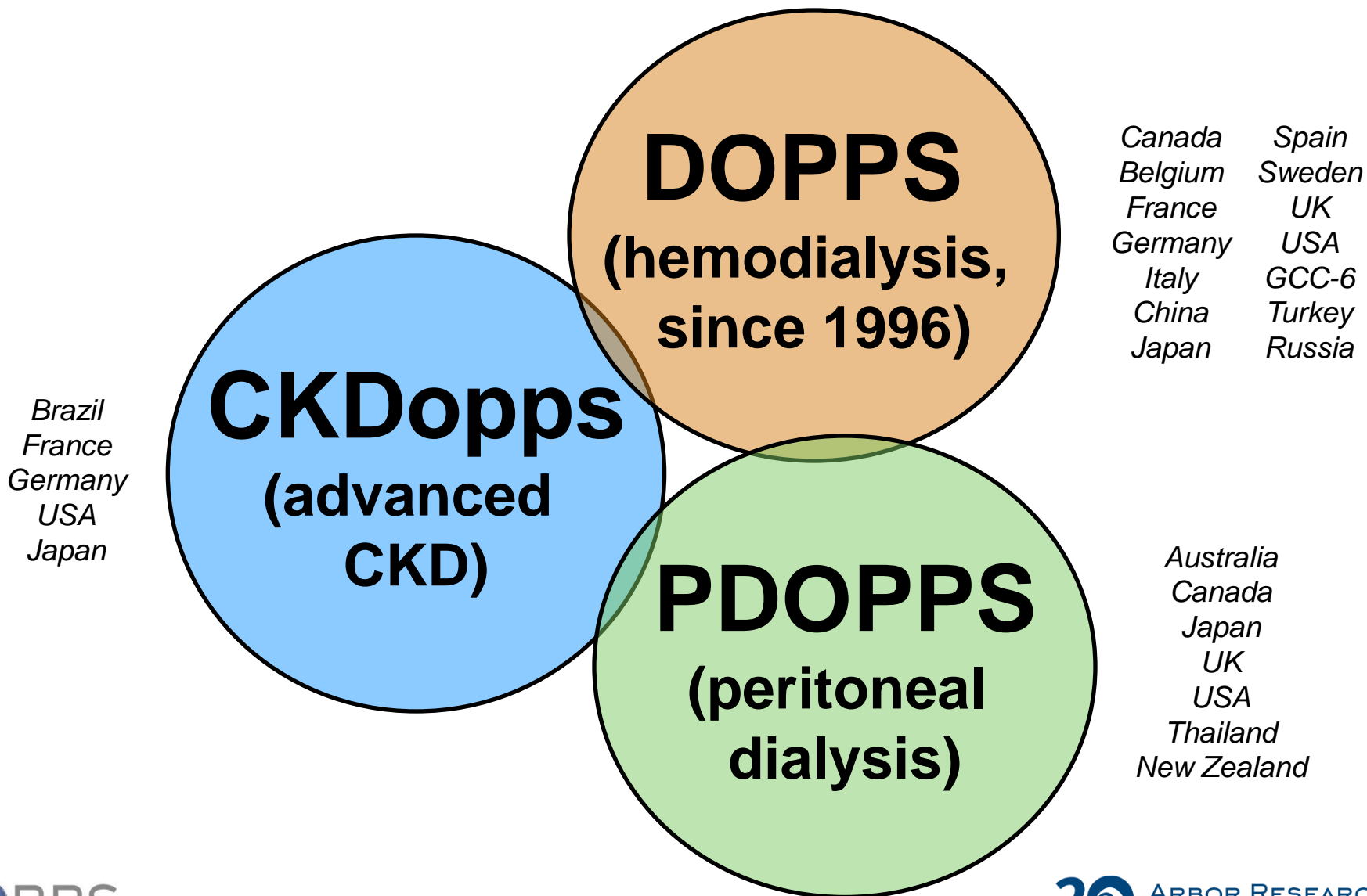
# The DOPPS Program Worldwide





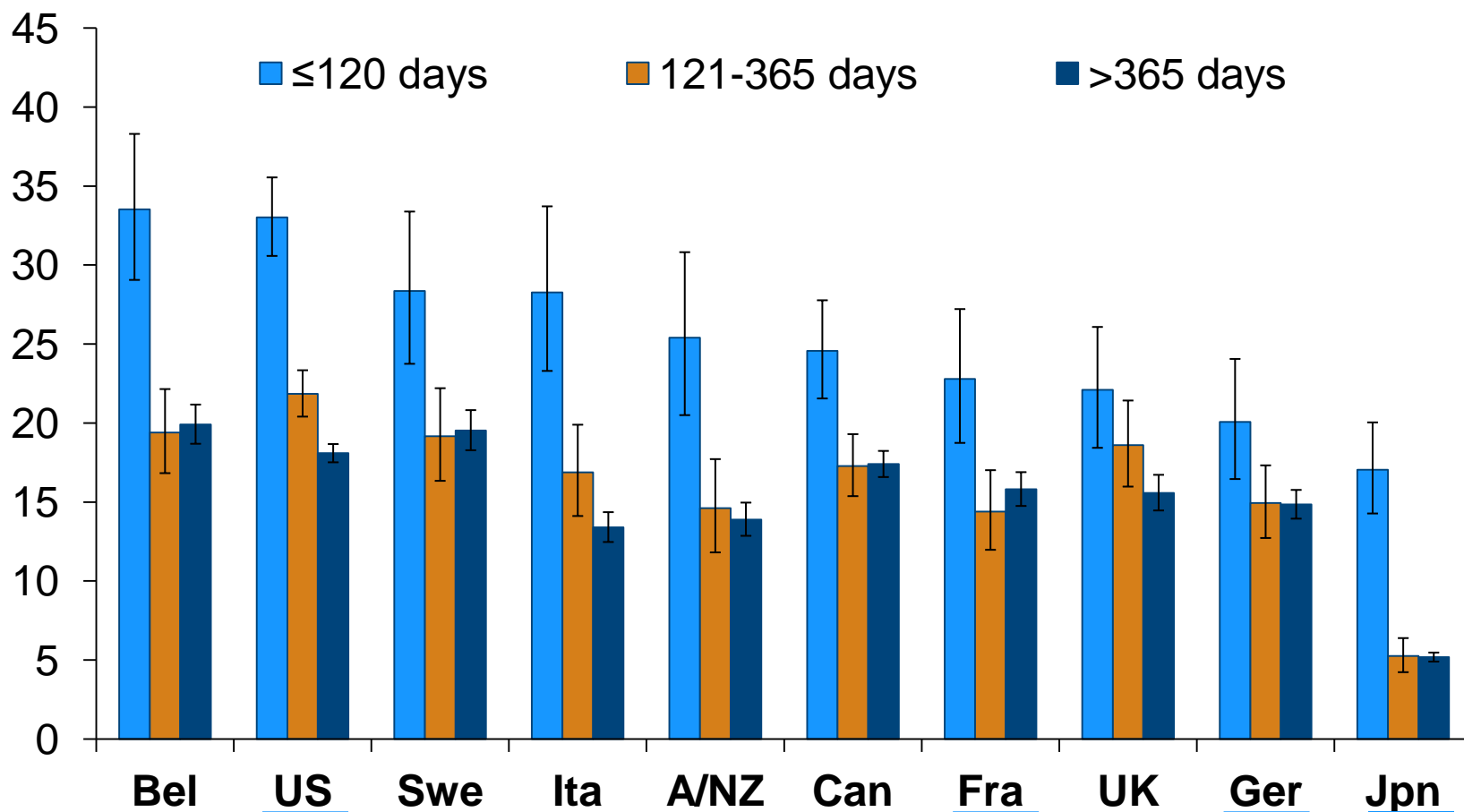
# DOPPS Program Area

## *Three Major Projects, One Common Goal*



# High Mortality Rates After Dialysis Start: a consistent finding worldwide

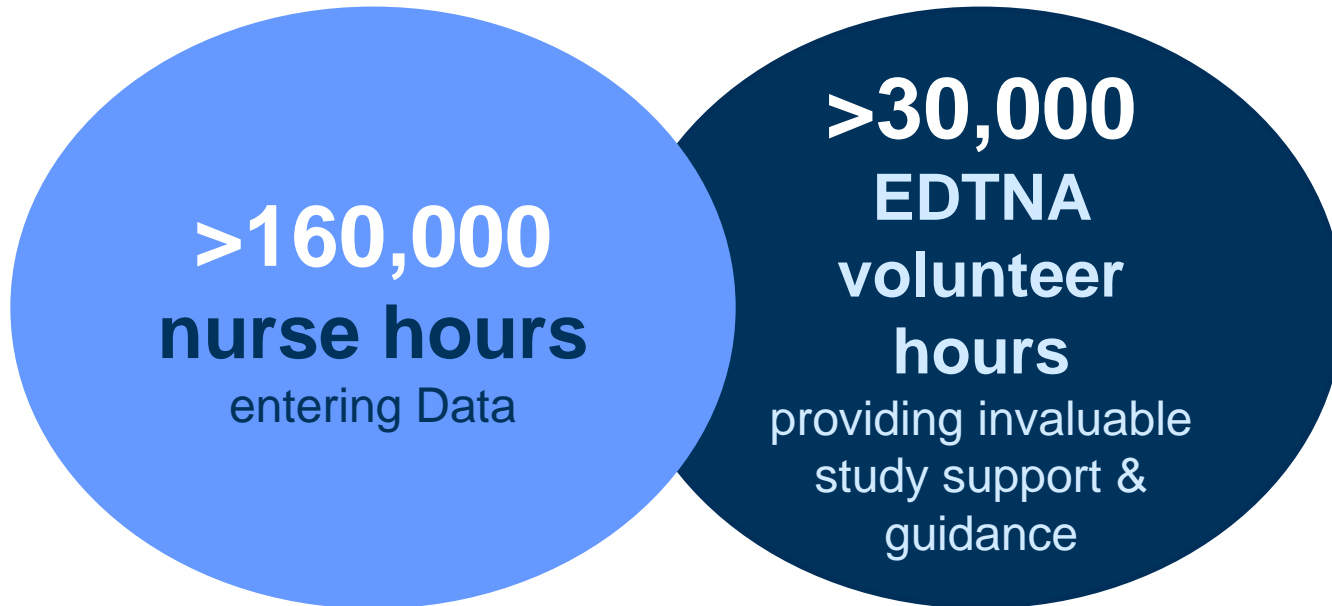
Mortality rate (deaths per 100 patient years)



N=86,886 DOPPS 2-3 (2002-2008) patients; error bars correspond to 95% confidence intervals calculated using the Byer approximation

# Partnership with EDTNA

- Since 2005 the EDTNA has collaborated with Arbor Research to support the participating DOPPS study sites in Europe.



**Thank You**, to the EDTNA volunteers  
and the DOPPS Study Coordinators!

# DOPPS Monograph

*Coming this fall...*

## TEN YEARS OF COLLABORATION: DOPPS RESEARCH

A monograph from

*The European Dialysis Transplant Nurses Association/  
European Renal Care Association (EDTNA/ERCA)*

*Arbor Research Collaborative for Health*

*The Dialysis Outcomes and Practice Patterns Study (DOPPS)*

Watch your email for an announcement  
when the monograph is available!

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By Jeanette Wallin & Zehra Aydin

# DOPPS Is Growing

- **In reach:**
  - Now ongoing in more than 20 countries
- **In outreach:**
  - Publications(>200), presentations at scientific meetings
- **In scope:**
  - Now includes studies of advanced CKD and PD
  - Ancillary studies addressing research questions that are not part of the core study
- **In collaborative partnerships:**
  - Investigators across the world
  - Registries and other existing renal enterprises (e.g., EURODOPPS initiative)

**Celebrating 20 years of DOPPS  
Program data, the value of DOPPS  
continues to increase!!**