

Reproductive Outcomes in Women Enrolled in the International Vasculitis Pregnancy Registry (VPREG)

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All graphics are from The Noun Project

Conclusion: Most patients experienced live births with healthy infants at full term without a vasculitis flare or need for hospitalization

Introduction

There are limited data on reproductive outcomes in patients with vasculitis

Pregnancies in patients with vasculitis are at higher risk for complications and poor pregnancy outcomes

Characterization of these outcomes may aid medical providers in the management of vasculitis during pregnancy

Methods & Data Analysis

Data are from the Vasculitis Pregnancy Registry (VPREG) of the Vasculitis Patient-Powered Research Network (VPPRN)

Any pregnant woman with vasculitis can self-enroll in VPREG. Patients complete online surveys at study entry, once each trimester, and post-partum

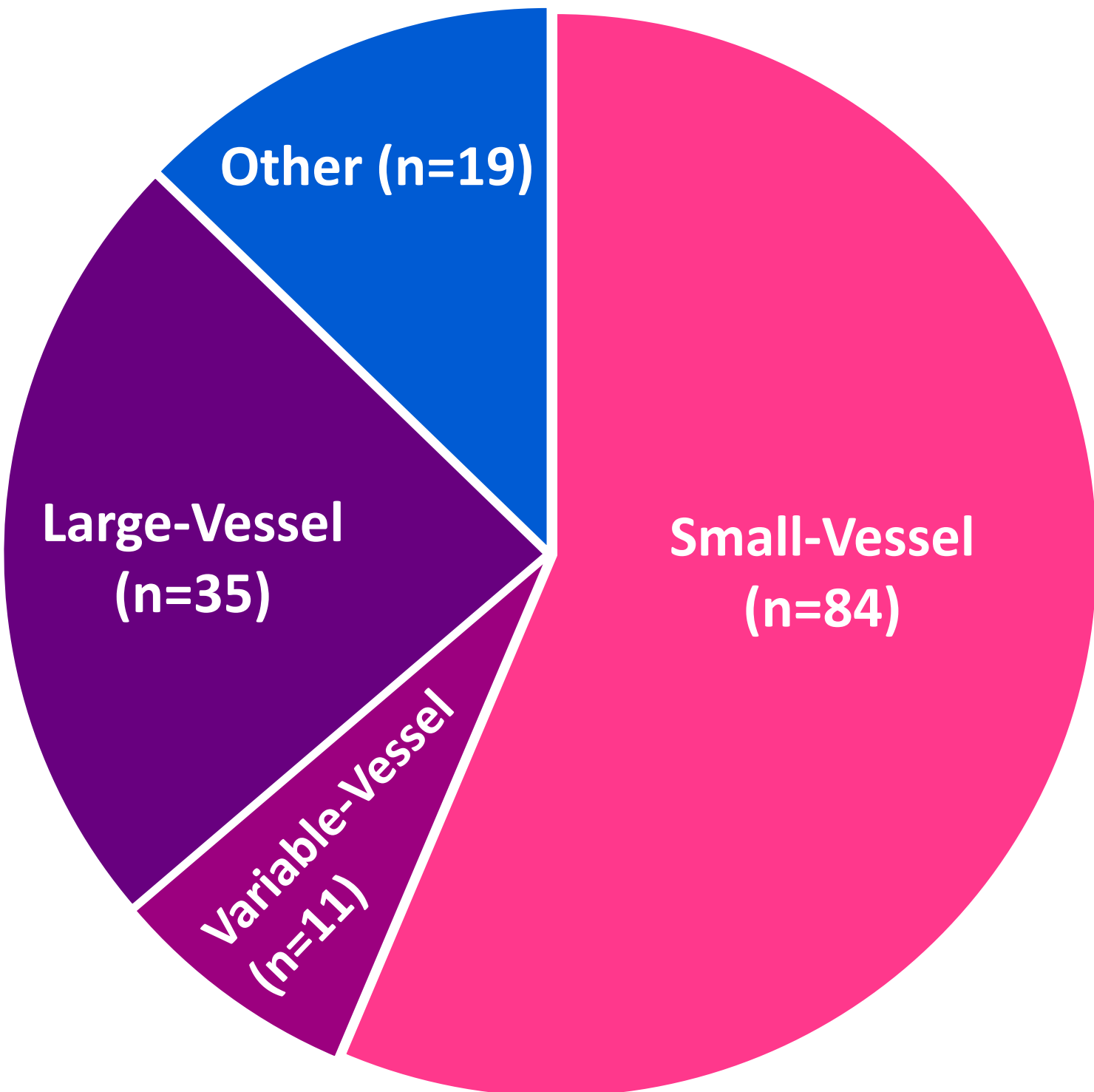
VPREG surveys are currently available in 5 languages and participants have enrolled from 16 countries

Descriptive statistics describe the patient characteristics, vasculitis activity during pregnancy, and pregnancy and neonatal outcomes

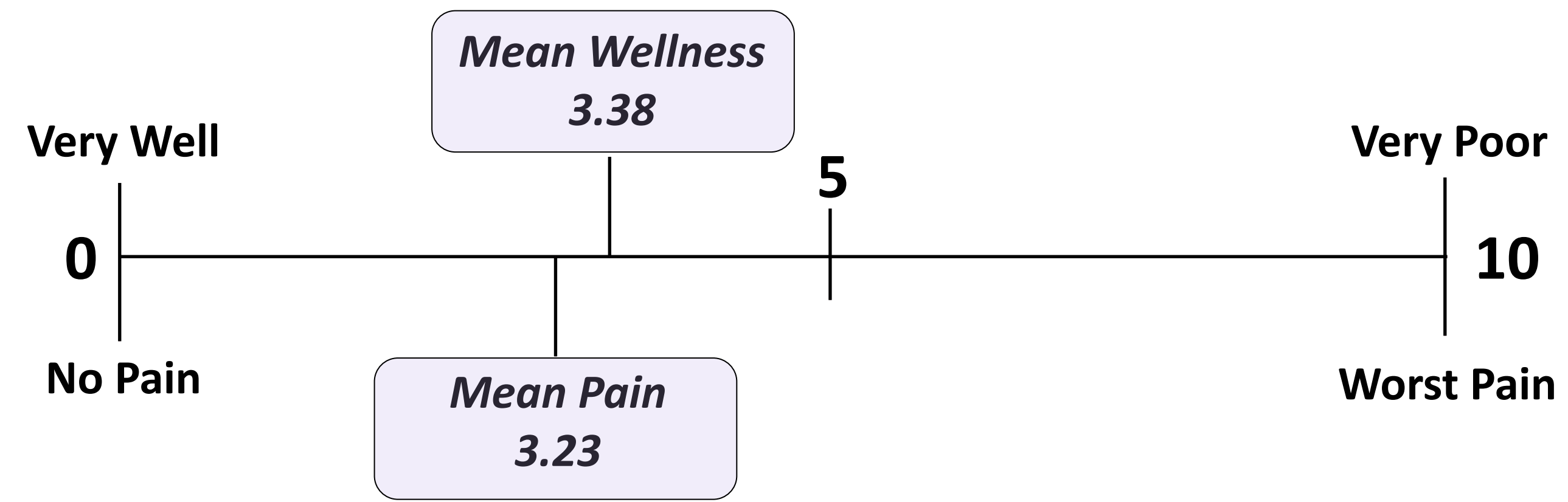
Results

- 147 women with 149 pregnancies; most patients from North America (n=82), Turkey (n=7), and UK (n=5)
- Patients (n=90) reported taking glucocorticoids (n=50), azathioprine (n=25), and no medications (n=21)

Types of Vasculitis



Impact of Vasculitis on Patients During Pregnancy



Most women reported preserved wellness and low pain during pregnancy

Neonatal & Maternal Outcomes

Maternal & Fetal Measure	Outcome
Hospitalized during pregnancy aside from delivery (n=92)	17 (19%) • 5 for vasculitis
Vasculitis flare during pregnancy (n=59)	22 (37%)
Preeclampsia (n=44)	14 (32%)
Vaginal delivery (n=83)	52 (63%)
Live birth (n=81)	79 (98%)
Mean gestational age at delivery (n=45)	38.2 weeks
Healthy infants (n=77)	70 (91%)