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

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Introduction
There are limited data on reproductive outcomes in patients with vasculitis

- Pregancies 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)

Impact of Vasculitis on Patients During Pregnancy

Most women reported preserved wellness and low pain during pregnancy

Neonatal & Maternal Outcomes

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