QUOD Statistics

September 2019
QUOD Bioresource Key Figures

Date 1 September 2019

Donors 4,342

Samples 77,533 in total, including:

- Blood 40,905 samples
- Urine 9,507 samples
- Kidney 10,925 samples (5,515 biopsies)
- Liver 5,750 samples (2,889 biopsies)
- Ureter 6,316 samples (3,183 biopsies)
- Spleen 3,217 samples (3,217 biopsies)
- BAL 69 samples
- Heart 844 samples (423 biopsies)

Units 467,543 biobank items
QUOD Donors In Total and Per Region

![Graph showing QUOD Donors In Total and Per Region with data points for different regions over time.]
QUOD Samples In Total and Per Type

[Graph showing the increase in QUOD samples over time, with separate graphs for total samples and per type.]

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QUOD Biopsy and Incident Metrics

**General Incidents:**
Clinical incidents — no significant recipient consequences or thought not to be attributable to a QUOD biopsy.

**Serious Adverse Reactions:**
Clinical incidents with recipient consequences — considered as most likely due to a QUOD biopsy.

### Donor liver biopsies of transplanted livers

- **0.21% General Rate**
- **0.00% SAR Rate**

### Table: QUOD Biopsy Incidents 2013-2019

<table>
<thead>
<tr>
<th>Year</th>
<th>Gen</th>
<th>SAR</th>
<th>Tx</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013</td>
<td>0</td>
<td>0</td>
<td>24</td>
</tr>
<tr>
<td>2014</td>
<td>1</td>
<td>0</td>
<td>148</td>
</tr>
<tr>
<td>2015</td>
<td>0</td>
<td>0</td>
<td>320</td>
</tr>
<tr>
<td>2016</td>
<td>3</td>
<td>0</td>
<td>385</td>
</tr>
<tr>
<td>2017</td>
<td>0</td>
<td>0</td>
<td>395</td>
</tr>
<tr>
<td>2018</td>
<td>0</td>
<td>0</td>
<td>418</td>
</tr>
<tr>
<td>2019</td>
<td>0</td>
<td>0</td>
<td>223</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>4</strong></td>
<td><strong>0</strong></td>
<td><strong>1913</strong></td>
</tr>
</tbody>
</table>
QUOD Biopsy and Incident Metrics

**2018 Kidney Incidents**

**General:**
1 x Core Biopsy
6 x 5mm Punch Biopsy

**SAE:**

**SAR:**

**2019 Kidney Incidents**

**General:**
2 x Core Biopsy
5 x 5mm Punch Biopsy

**SAE:**
1 x 5mm Punch Biopsy

**SAR:**
2 x 5mm Punch Biopsy

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**Donor kidney biopsies of transplanted kidneys**

- **0.36% General Rate**
- **0.02% SAE Rate**
- **0.19% SAR Rate**
Consent for QUOD Research and Actual QUOD Donors — Step Chart

12 Months (Sep '18 – Aug '19)

- Transplantation Consent / Authorisation: 1054 cases (100%)
- QUOD Research Consent / Authorisation: 927 cases (88%)
- Actual QUOD Donors: 817 cases (78%)
Consent for QUOD Research and Actual QUOD Donors — Per SNOD Team

Donor Groups by Research Consent (R+) and QUOD Inclusion (Q+)

[P] Proceeding  [N] Non-proceeding

Source Data:
From Apr '16
To Aug '19

Donors

Eastern  London  Midlands  North-West  Northern Ireland  Scotland  South-Central  South-East  South-West  Wales  Yorkshire

C7: Other
C6: R- [N]
C5: R- [P]
C4: R+ Q- [N]
C3: R+ Q- [P]
C2: R+ Q+ [N]
C1: R+ Q+ [P]
Biobank items issued to applications: 13,330
Total number of research project applications: 55
New applications (currently at preliminary stage): 14, including 2 being reviewed
Applications approved by the Steering Committee: 41
Among the approved applications, 16 were completed by QUOD and 25 are in progress