QUOD Bioresource Key Figures

Date  1 May 2019

Donors  4,056

Samples  72,061 in total, including:

- Blood  38,251 samples
- Urine  8,879 samples
- Kidney  10,231 samples (5,159 biopsies)
- Liver  5,382 samples (2,704 biopsies)
- Ureter  5,917 samples (2,983 biopsies)
- Spleen  3,014 samples (3,014 biopsies)
- BAL  30 samples
- Heart  357 samples (179 biopsies)

Units  433,416 biobank items
QUOD Donors In Total and Per Region
QUOD Samples In Total and Per Type
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

<table>
<thead>
<tr>
<th>Year</th>
<th>Gen</th>
<th>SAR</th>
<th>Tx</th>
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<td>2017</td>
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<td>2018</td>
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<td>2019</td>
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<td>110</td>
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<td>Total</td>
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</table>

Donor liver biopsies of transplanted livers

- 0.22% General Rate
- 0.00% SAR Rate

Baseline – Literature
Baseline – QUOD
Liver – General
Liver – SAR

Scotland National
QUOD Biopsy and Incident Metrics

2018 Kidney Incidents
General:
6 x Punch Biopsy

SAR:
2 x Core Biopsy
6 x Punch Biopsy

2019 Kidney Incidents
General:
1 x Punch Biopsy

SAR:
2 x Punch Biopsy

Donor kidney biopsies of transplanted kidneys

- 0.38% General Rate
- 0.34% SAR Rate

Year | Gen | SAR | Tx
--- | --- | --- | ---
2013 | 0 | 0 | 67
2014 | 2 | 1 | 374
2015 | 3 | 1 | 719
2016 | 3 | 3 | 870
2017 | 2 | 0 | 925
2018 | 6 | 8 | 1124
2019 | 1 | 2 | 383

Total: 17 15 4462
Consent for QUOD Research and Actual QUOD Donors — Step Chart

100% — Transplantation Consent / Authorisation
90% — QUOD Research Consent / Authorisation
80% — Actual QUOD Donors

1027 cases
100%
890 cases
87%
800 cases
78%

12 Months (May '18 – Apr '19)
Consent for QUOD Research and Actual QUOD Donors — Per SNOD Team
– Biobank items issued to applications: 12,212
– Total number of research project applications: 51
– New applications (currently at preliminary stage): 15, including 1 being reviewed
– Applications approved by the Steering Committee: 36
– Among the approved applications, 16 were completed by QUOD and 20 are in progress