

**Supplementary Table 1. Capacities matrix for beneficiaries in a CGT hub and spoke model**

| Beneficiaries |   |     |       |               |
|---------------|---|-----|-------|---------------|
| Actor         | Characteristic  | Hub | Spoke | Partner Spoke |
| Donor         | Donates cells or other specimen   | ✓   | ✓     | ✓             |
|               | Provides accurate information on preexisting conditions or changes in medical history | ✓   | ✓     | ✓             |
| Patient       | Gives specimen  | ✓   | ✓     | ✓             |
|               | Accepts preparatory treatments. Receives treatment                                    | ✓   | ✓     | X             |
|               | Maintains appointments, confirms personal information is accurate                     | ✓   | ✓     | ✓             |
|               | Screened for clinical trials  | ✓   | ✓     | ✓             |
|               | Enrolled in clinical trials   | ✓   | ✓     | X             |

CGT, cell and gene therapy.

✓, has capacity; X, does not have capacity.

Note: Cells highlighted in green indicate new roles within a hub and spoke model that are typically not present in existing models of CGT delivery.