**CIBMTR SC21-07/BMT CTN 2101**

**Observational Study for BMT/CAR-T Patients Receiving the COVID Vaccine**

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| **WHY** | There are no data on the efficacy of the COVID-19 vaccines in HCT/CAR-T patients   * We do not know if our patients are protected! * In SOT patients, only 17% had detectable Ab ~3 weeks after the first dose of mRNA vaccine |
| **WHO** | Patient must meet the following:   * ≤12 months from cell infusion (Auto/Allo/CAR) for any disease * Signed the CIBMTR Database Consent with valid CRID   + Confirm with [\*\*\*] |
| **WHEN** | Scheduled/Scheduling to receive the COVID-19 Vaccine in the next 2 – 3 weeks |
| **HOW** | Step 1:   * Discuss the study with the patient.   + 4 samples obtained at [\*\*\*] (see below for timing)   + After 4th sample collected and tested, the Ab results will be returned to provider to discuss results with the patient * Contact [\*\*\*] for consent   Step 2:   * Schedule initial clinic visit (or identify suitable clinic visit already scheduled) for CBC/diff + research labs [and provider visit if allo]   Step 3:   * [\*\*\*] will track patients and notify you regarding the timing of subsequent visits (CBC/diff + research labs [and provider visit if allo]) |

**Timing of Samples**

**Any 2-dose Vaccine** [ex. mRNA vaccine (Pfizer/Moderna)]

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| **#1** | **#2** | **#3** | **#4** |
| Any time **1 – 14 days before** the 1st dose of vaccine | **1 – 7 days before** the 2nd dose of vaccine | Any time between **7 to 35 days after** the 2nd dose of vaccine | Any time between **6 and 8 months after** the 1st dose of vaccine |

**Any 1-dose vaccine** [ex. J&J]

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| **#1** | **#2** | **#3** | **#4** |
| Any time up to **1 – 14 days before** the 1st dose of vaccine | Any time between **14 days and 35 days after** the vaccine | Any time between **4 and 8 weeks after** sample #2 | Any time between **6 and 8 months after** the 1st dose of vaccine |