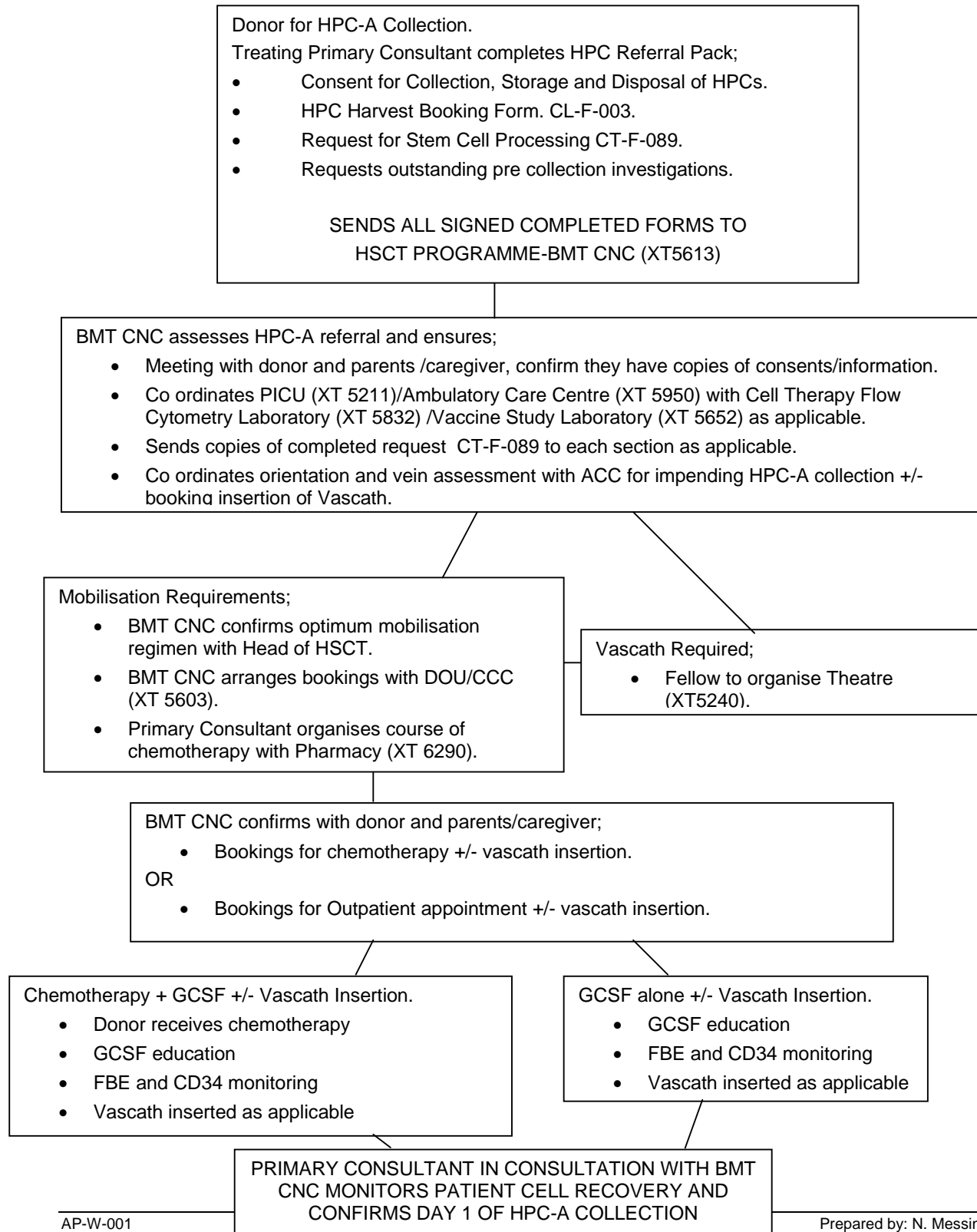


Haemopoietic Progenitor Cell Collection by Apheresis Process Flowchart



Haemopoietic Progenitor Cell Collection by Apheresis Process Flowchart

BMT CNC confirms Day1 HPC-A collection with;

- HSCT Physician or delegate.
- Ambulatory Care Centre.
- Cell Therapy & Flow Cytometry Laboratory.
- +/-Vaccine Study Laboratory.

HSCT Physician or delegate;

- Assesses donor pre Apheresis.
- Premedication completed on MR690/A (as required).
- Request for crossmatch if machine blood prime required.
- Pathology requests for pre, midway, post HPC-A Collection.
- If patient not an inpatient ensures adequate GCSF for required doses between Aphereses.
- All paperwork to be placed in front of donor's history.

Donor presents to Ambulatory Care Centre;

- Nursing assessment (vital signs etc), recorded on Apheresis Procedure Record.
- Verify consent, virology, blood group and prescription CT-F-089.
- Ensure baseline FBE, Ionised Ca²⁺, CD34 is requested prior to commencement of procedure.

Apheresis Nurse;

- Administers medication according to MR690/A.
- Notifies Cell Therapy Flow Cytometry Laboratory of intention to collect.
- +/- notifies Vaccine Laboratory of intention to collect.
- Performs HPC-A Collection according to AP-P-002.

Post Procedure Apheresis Nurse;

- Informs respective processing laboratory and HSCT Physician (to assess donor).
- Initiates post procedure FBE, Ionised Ca⁺ testing and additional applicable investigations.
- If patient **NOT** inpatient, confirms instructions for G-CSF administration with HSCT Physician.
- Hands over custody of care of the HPC-A product to Laboratory.
- Ensures donor is haemodynamically stable before leaving Ambulatory Care Centre.

Laboratory;

- Processes HPC-A product.
- Informs HSCT Physician or delegate of CD34 yield.

HSCT PHYSICIAN (delegate) IN CONSULTATION
WITH BMT CNC INITIATES ADDITIONAL
COLLECTIONS AS REQUIRED