St. Michael’s Hospital
Perioperative Blood Conservation Program (PBCP)
Patient Process for Elective Surgery

**SURGEON’S OFFICE/CLINIC**

Discussion re:
- Blood transfusion & alternatives.
- Informed consent for blood transfusions (must be signed for BGAS & C&T).
- Check patient’s hemoglobin

For Preoperative Autologous Donation (PAD), complete Autologous Requisition with donor consent. Autologous Donations depend on Hgb at time of appointment, thus early assessment very important. **Stored blood has a shelf life of 35 days**

If EPO ordered, call Blood Conservation Coordinator at ext. 4055/6733 or Pager 416-685-9799/9417 (if not available, call Autologous lab at ext. 5614)

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**Preoperative Autologous Donation**

**Cardiovascular (CVS) & Neurosurgery**
- St. Michael’s Hospital (SMH)
  - Requisition sent to Autologous lab
  - Patient calls Autologous lab at 416-864-5614 for appt.
  - Paperwork/appt. sometimes coincides with PAF visit
  - If required, 2nd appt. arranged with patient & Autologous lab

**Canadian Blood Services (CBS)**
  - Patient phones CBS Autologous clinic for appointment at 1-800-701-7803 or 416-974-9900 ext. 3666
  - 4 day wait from receipt of paperwork.
  - Over-age patients may be done at SMH if criteria met.

**PRE-ADMISSION FACILITY VISIT (PAF)**
- Pre-admission appointment occurs 30-35 days before surgery to implement Blood Conservation Strategies.
- Usually booked by physician’s secretary or clinic.
- Patient goes to either SMH or CBS to be bled.
- Blood Conservation Coordinator will assist in determining appropriate strategy with PAF staff, physician, and patient.

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**Other PBCP Strategies**

**Erythropoietin Therapy**
- Outpatient basis.
- 4 week lead time (minimum).
- In conjunction with or without PAD.
- Requires initial Hgb, platelets, serum ferritin and BP check before administered.
- Requires weight & weekly BP + Hgb
- Oral iron supplement.
- 2 options for payment: 3rd party coverage or out of pocket.
- Call Blood Conservation Coordinator for assistance (ext. 4055/6733 or Pager 416-685-9799/9417).

**Intraoperative: Cell Salvage, ANH, Pharmacological Strategies**
- Case specific.
- Surgeon’s &/or Anesthetist’s preference

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On admission to hospital, patient presents to the nurse and physician the information that they have donated autologous blood.

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Developed by R. Koen; Revised by K. Luke RN, Dr. Freedman, Mar/02; May/04; Dec/05; Mar/07