

PATIENT DIRECTIVE FOR REFUSAL OF BLOOD PRODUCTS

Use this form to document absolute refusal of blood products and enroll in the Swedish Bloodless Program. The Bloodless Program applies aggressive treatment strategies to offset refusal of blood products. The instructions you write on this form will be reviewed with you at each hospital admission at Swedish.

DO NOT use this form:

- If you would like to make decisions about blood products at the time your doctor says blood is needed, or
- If you refuse blood products at the end-of-life because you do not wish to extend your life, or
- If you wish for someone else to make decisions about blood products for you.

1. Blood Products. Initial each blood product you absolutely **REFUSE**.

Products you do not initial (left blank) may be used in an emergency.	A. Red cells _____ Initials	D. White cells (granulocytes) _____ Initials
	B. Platelets _____ Initials	E. Whole blood _____ Initials
	C. Plasma _____ Initials	F. Other*: _____ Optional: Write product and Initials

2. Statement of Refusal.

I, _____ direct no transfusion of blood product(s) initialed in Section 1 be given to me even if health care providers believe blood transfusion will improve my condition, extend, or preserve my life.

Washington State law gives me the right and responsibility to make decisions about my health care. I understand there is no substitute for blood and accept the consequences of my refusal of blood products, including injury and death. I have had the opportunity for my questions to be answered by Swedish staff. I have read this document, fully understand its contents, and voluntarily sign it.

3. Blood derivatives ("minor blood fractions"). Substances taken from one of the blood products listed above.

Examples: Albumin, immunoglobulins, and clotting factors. See reverse for more information.

<p>I am willing to consider** medications or products that are or contain minor blood fractions. If I am unable to participate in my care, I understand these products may be used as needed.</p> <p>_____ Initials</p>	<p>I absolutely refuse medications or products that are or contain minor blood fractions even if health care providers believe they will improve my condition, extend or preserve my life.</p> <p>_____ Initials</p>
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4. Procedures that return the patient's blood to the patient.

Examples: "Cell salvage", hemodialysis, epidural blood patch. See reverse for more information.

<p>INITIAL ONLY ONE OPTION</p>	<p>I am willing to consider** procedures that return my own blood to me. If I am unable to participate in my care, my blood may be returned to me during a procedure.</p> <p>_____ Initials</p>
	<p>I am willing to consider** procedures that return my own blood to me provided the equipment handling my blood is kept in constant connection with me. If I am unable to participate in my care, my blood may be returned to me if the equipment handling my blood has not been disconnected.</p> <p>_____ Initials</p>
	<p>I absolutely refuse the return of my own blood even if returning my blood will improve my condition, extend or preserve my life. If my blood leaves my body, the blood must be wasted.</p> <p>_____ Initials</p>

** Please discuss treatment options you are "willing to consider" with your health care provider(s).

An interpreter helped me to complete this form.

_____	_____	_____
Signature (patient or legal representative)	Date	Time
_____	_____	
Print name of person signed above	Relationship, if other than patient	

PATIENT LABEL



SWEDISH

SEATTLE, WASHINGTON

FORM 48859

Bloodless Program

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Patient Education

This page is informational only and is not part of your advance directive. It is provided so you can better understand what is meant by “minor fractions” (#3) and “procedure involving the return of your own blood” (#4). For information about specific medicines or products, or procedural treatment, please talk to your doctor.

Examples of Minor Fractions of Blood, Definitions and Use (#3)

(Substances derived from a primary component of blood)

ALBUMIN

- A protein removed from plasma. Produced in the liver.
- Common Use:
 - Maintain or restore blood volume.
 - Used in drug preparations such as erythropoietin (EPO) to bind and transport medications in the body.
 - Used in growth medium for some vaccine medications (e.g. rubella and measles vaccines).

CLOTTING FACTORS

- Clotting factors make up approximately 1% of plasma.
- Examples: fibrinogen, cryoprecipitate (a concentration of clotting factors derived from plasma).
- Common Use:
 - Preparations used for bleeding patients.
 - Treatment for Hemophilia and von Willebrand disease.
 - Ingredients in tissue sealants used in surgery.

IMMUNOGLOBULINS or IMMUNE GLOBULINS (including gamma globulin)

- Proteins produced by white cells in response to infection. Also called antibodies.
- **Common Use:** Treatment of disease such as Cytomegalovirus infections (CMV), Kawasaki disease, Thrombocytopenic purpura, diphtheria, snake or spider bites, tetanus, rabies, hepatitis A and B, and Rh negative pregnant patients (RhoGAM).

Examples of Procedures Involving the Use or Return of Patient’s Blood (#4)

ANH/HEMODILUTION (*Can be kept in constant connection with patient*)

- A predetermined amount of blood is withdrawn from the patient in the operating room at the beginning of surgery. The volume of blood removed from the body is replaced with an IV solution. Reduces blood loss.
- The removed blood may be re-infused in the operating room or in the recovery room.

BLOOD/CELL SALVAGE including drains (*Can be kept in constant connection with patient*)

- **Intra- operatively:** Blood that enters the surgical field or wound is collected, filtered, and/or washed, the red cells are returned to the patient either in the operating room or the recovery room.
- **Post-operatively:** A drain is inserted to salvage blood draining from the surgical site (common in orthopedic surgeries). The blood is filtered and returned to the patient in the patient’s room.

CELL TAGGING or LABELING (*Removed briefly from patient and returned*)

- Red cell tagging involves the removal of up to 20 cc of the patient’s blood. Radioisotopes are added to the blood and re-injected into the patient. Used to locate source of GI bleed or other diagnostic studies.

DIALYSIS/HEMODIALYSIS (*Continuous, closed circuit*)

- Patient’s blood is cleaned by diverting it through the dialysis machine. Waste is drawn off and the blood is returned to the patient. The machine serves as substitute kidney.

EPIDURAL BLOOD PATCH (*Removed briefly from patient and returned*)

- Approximately 20 cc of patient blood is removed from a vein and immediately injected into the patient’s back to repair a leak in the membrane surrounding the spinal column. Treatment for a spinal headache.

HEART-LUNG BYPASS (*Continuous, closed circuit*)

- Blood is circulated through a machine that functions as the heart and lungs during surgery. Used in cardiac surgery.