

BEST Collaborative Study List

Study #	Year started	Title of the study	Publication #
1	1991	Flow cytometry vs Nageotte chamber white cell counting methods	1
2	1992	Counting leukocytes by Nageotte chamber in leukocyte-depleted red blood cells	3, 10
3	1993	Quality control of platelet concentrates by shimmering inspection	2,4
4	1994	Evaluation of platelet swirling vs pH in routine PC	9
5	1994	Relation between swirling and other methods for PC quality control	5,4
6	1994	Cellular harvests in blood components prepared with buffy-coat removal versus methods based on platelet-rich plasma	6,7,13
7	1994	Use of in vitro assays: evaluation of platelet properties using the extent of shape change, and response to hypotonic stress assays	14
8	1995	Multicenter evaluation of the 3% PFA method for white cell counting in leukocyte-reduced red blood cells	11
9	1996	In vitro assays for evaluation of the properties of stored platelets: interlaboratory study to evaluate lactate, lactate dehydrogenase and CD62 parameters	16
10	1996	Platelet transfusion in routine practice	Closed
11	1996	Automated white cell count in white cell reduced blood components	19
12	1996	Platelet counting study	15, 20, 36
13	1996	CD34+ cell count	18
14		SToP Study	
14A		A. Main study	57
14B		B. Analysis of adjudication process	Active
15	1999	Cord blood filtration study	41
16		Evaluation of the influence of conditions encountered during the transportation of platelet components from blood centers to hospitals on platelet quality (See Study 20)	Closed
17A	2000	Storage of platelets in additive solutions: In vitro effects of potassium and magnesium (pilot study)	21
17	2001	Storage of platelets in additive solutions: In vitro effects of potassium and magnesium (pilot study)	22, 23
18	2001	The COBS (collection of blood samples) study	25,27
19 (A-F)	2001	Evaluation of in vitro assay utilized to evaluate cord blood hemopoietic stem cell products	33,39
20A	2001	Effects of interruption of agitation of platelet concentrates stored in PAS environment (pilot study)	
20		Effects of interruption of agitation of platelet concentrates stored in PAS environment (pilot study)	32
21A	2001	Effect of storage medium and protein source on ESC and HSR (pilot study)	24
21	2002	Effect of storage medium and protein source on ESC and HSR	30

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22	2002	Evaluation of the hemostatis efficacy and the platelet utilization rates of low versus standard dose platelet therapy (StoP)	26, 29, 31
23	2003	Effect of supranormal pH on radiolabeled platelet recovery and survival (Dumont/Gulliksson)	38
24	2003	Effect of two days' shipping on platelet function and biochemical analyses (Gulliksson/Dumont)	35
25	2003	Comparison of Recovery and Survival of Extended Storage PRP and Buffy Coat Platelets in Health Volunteers (Dumont)	63
26	2003	Comparison of in vitro analyses of red cell units across multiple labs (Hess)	37
27	2003	A descriptive analysis of international transfusion practice and bleeding outcomes in patients with acute leukemia (Heddle)	40
28	2003	Inter-lab pilot study on the quality characteristics of dendritic cells (Eichler)	50
29A	2003	A. Survey to identify release criteria being utilized with cellular therapy products (Szczepiorkowski)	Closed
29B		B. Transportation/shipping survey (Pamphilon/)	60
30	2003	Survey to understand cell recovery in thawed cord blood samples (Brand)	51
31	2003	Randomized controlled trial of a simple intervention to improve performance of the pretransfusion bedside identity check (PROBE Study) (M Murphy)	49
32	2006	Standardisation of the CFU assay (Reems)	Active
33	2004	Comparison of radiolabeling and flow cytometry for determining platelet kinetics (van der Meer/Slichter)	Active
34	2004	Bacterial contamination detection questionnaire (Prowse)	52
35	2004	Platelet quality control standardization send-around (van der Meer/Cardigan)	66
36	2005	Functional assays for evaluation of dendritic cells (Eichler/Szczepiorkowski)	closed
37	2006	Comparison of single- and double-label approaches to red cell recovery studies and evaluation criteria (Dumont/AuBuchon)	53
38	2006	Statistical process control for blood sample collection (Beckman)	54
39	2006	Survey of transfusion utilization methods (Tinmouth/Stanworth)	Active
40	2006	Reduction in variation of performance of antibody titrations (AuBuchon)	55
41	2006	Whole blood overnight storage (Gulliksson/van der Meer/Cardigan)	Active
42	2006	Qualitative Evaluation for Safer Transfusion (QUEST) (Heddle)	Active
43	2007	Haemoglobin measurement of blood units matched to patients (Hervig)	62
44	2007	Questionnaire on ABO incompatible platelets (Lozano)	59
45	2007	Guidelines for reporting platelet trials in transfusion medicine (Heddle)	Active

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45A		A. Phase 1 – Young investigators	61
45B		B. Phase 2 – Delphi technique	Active
46	2007	Modelling effect of shortening red cell life on inventory (Beckman)	Active
47	2008	Transportation of CT products (McKenna, Pamphilon)	64
47B	2010	Optimal Transport Conditions for Non-Mobilized Apheresis Collections (McKenna)	Active
48	2008	Bacterial contamination of CT products- study withdrawn	Inactive
49	2008	Nucleotide profiles in red cells relative to R&S (Dumont)	Active
50	2008	Haemolysis from national quality control data (Hess)	58
51	2008	Platelet quality after different pre processing hold conditions (de Wildt)	Active
52	2009	TM Assistant: a programe for differential diagnosis of acute transfusion reactions (Heddle)	Active
53	2009	Survey of Repetitive Stress Injury and Contact Dermatitis (Withdrawn)	Inactive
54	2009	Age of Blood Studies: Methodological Pitfalls (van de Watering)	65
55	2009	What do physicians know about transfusing (Haspel)	Active
56	2010	Clinical description of transfusion reactions - study withdrawn	Closed
57	2010	Standardisation of red cell biochemical assays (Hess)	Active
58	2010	Activation markers in platelets (Devine)	Active
59	2010	Standardisation of bleeding tool for publications (Stanworth)	Active
60	2010	Intracellular vs extracellular cryopreservation agent (Aby Mathew)	Active
61	2011	Anemia prior to surgery (Waters)	Active
62	2011	Counting platelets in thrombocytopenic samples (Lozano)	Active
63	2011	TOFU: Trial of feedback on blood use Kaufman, Yazer, Stanworth)	Active