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Title: Sampling methods to the statistical control of the production of blood components: basic SPC principles and introduction to control charts for variables

Authors: Paulo Pereira, Jerard Seghatchian, Beatriz Caldeira, Sandra Xavier, Gracinda de Sousa



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Authors:

Paulo Pereira (first author), Researcher and Head of the Department of Research and Development, Portuguese Institute of Blood and Transplantation, Avenida Miguel Bombarda 6, 1000-208 Lisbon, Portugal

Jerard Seghatchian, International Consultancy in Blood Components Quality/Safety Improvement, Audit/Inspection and DDR Strategy, London, UK

Beatriz Caldeira, Head of the Laboratory of Quality Control, Portuguese Institute of Blood and Transplantation

Sandra Xavier, Associate Professor, Department of Health, Polytechnic Institute of Beja, Beja, Portugal

Gracinda de Sousa, Directive Board, Portuguese Institute of Blood and Transplantation

First author: e-mail: paulo.pereira@ipst.min-saude.pt, Tel.: +351-210063047

Fax.: +351-210063070 ;

Corresponding authors: paulo.pereira@ipst.min-saude.pt;

jseghatchian@btopenworld.com

Abstract

The general technical literature applied to control the production of blood components requires the use of a statistical process control practice, such happens in Europe by the European Commission Directives and in the United States by the American Association of Blood Banks (AABB) standards. Sometimes, the control procedure is exclusively in favor of the compliance verification with specifications per individual component and to determine the number of defective components usually on a monthly basis. This is a critical restriction to detect unnatural patterns and to guarantee that the production has a

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