US005510102A

United States Patent [19]

Cochrum

[11] **Patent Number: 5,510,102**

[45] **Date of Patent: Apr. 23, 1996**

[54] **PLASMA AND POLYMER CONTAINING SURGICAL HEMOSTATIC ADHESIVES**

[75] Inventor: **Kent C. Cochrum**, Davis, Calif.

[73] Assignee: **The Regents of the University of California**, Oakland, Calif.

[21] Appl. No.: **377,775**

[22] Filed: **Jan. 23, 1995**

[51] **Int. Cl.**[6] **A61K 38/36**; A61L 25/00

[52] **U.S. Cl.** **424/78.08**; 424/530; 602/52; 128/DIG. 22

[58] **Field of Search** 514/772.2; 424/78.08, 424/530

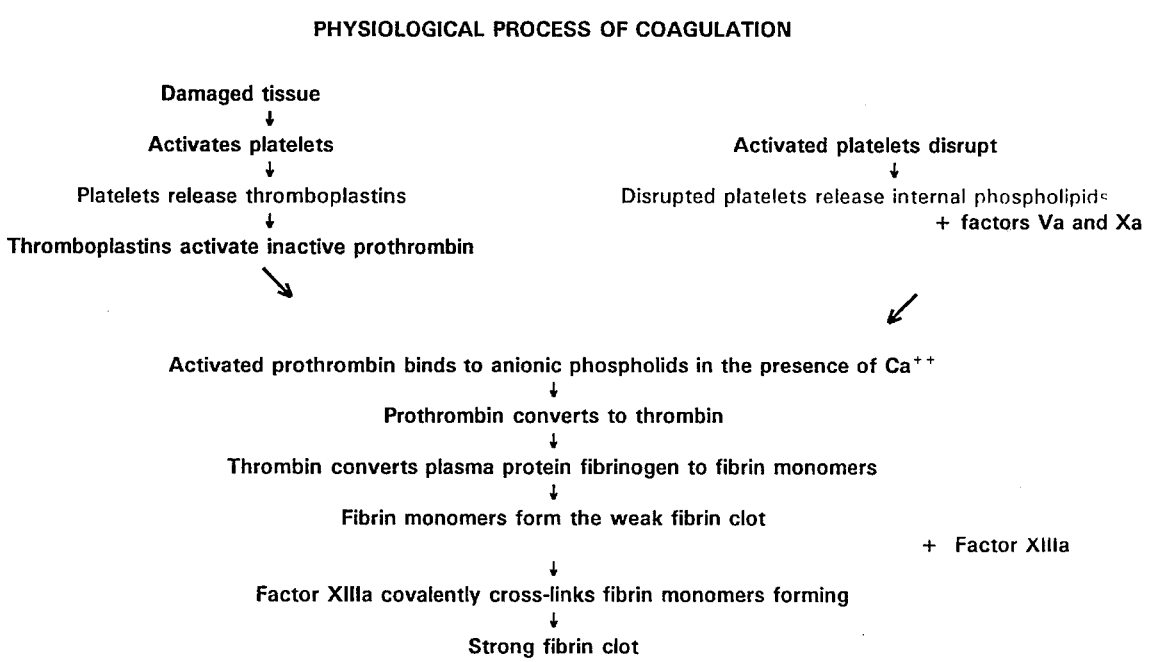
[56] **References Cited**

U.S. PATENT DOCUMENTS

4,373,519	2/1983	Errede et al.	128/156
4,599,209	7/1986	Dautzenberg et al.	264/7
4,664,105	5/1987	Dautzenberg et al.	128/156
5,226,877	7/1993	Epstein	604/35
5,292,362	3/1994	Bass et al.	106/124

Primary Examiner—Peter F. Kulkosky
Attorney, Agent, or Firm—Hana Verny

[57] **ABSTRACT**

Autologous platelet-rich plasma and a biocompatible polymer containing hemostatic adhesive agents. The agents have strong hemostatic properties when applied to a bleeding wound or vessel.

17 Claims, 2 Drawing Sheets