gery usually have variable levels of factors V and VIII, prothrombin, fibrinogen, and platelets, suggesting that intravascular coagulation has occurred. This stresses the importance of maintaining high levels of heparin in the blood of patients with inadequate circulatory (10) Most investigators still report plasma hemoglobin levels to be increased at the conclusion of extracorporeal circulation. These vary directly with the duration of the pump procedure. It is increased when 5 per cent dextrose and water is used as a diluent and decreased when Pluronic F6S is added. (Committee on Blood and Transfusion Problems, Division of Medical Sciences, National Academy of Sciences-National Research Council: The Use of Blood and Blood Substitutes for Extracorporeal Circulation, Transfusion 6: 355 (July) 1966.)

DEXTRAN Low molecular weight dextran has a high colloid osmotic pressure and increases plasma volume markedly by withdrawing water from the interstitial fluid compart-The reduction in blood viscosity is associated with a marked increase in the microcirculation. This may prevent the formation of toxic substances from tissues which might otherwise be damaged by ischemia. Dextran appears to coat the erythrocyte surface and "crowd out" protein substances which tend to The increased intravascular sludge blood. volume caused by dextran may aid in maintaining the normal moderate tone of the small vessels, part of which is dependent on myogenic response to internal pressure. (Schnciweiss, R., and others: Prevention of Hypotension Following Release of Aortic Occlusion, Surgery 60: 628 (Sept.) 1966.)

DEXTRAN Low molecular weight dextran given to 3 subjects for from 4 to 12 days for treatment of vascular occlusions, without hypotension or dehydration, resulted in acute renal failure in all and in one fatality. On renal biopsy the renal tubules were found to be engorged with dextran. (Morgan, T. O., and others: Renal Failure Associated with Lownolecular-weight Dextran Infusion, Brit. Med. J. 2: 737 (Sept.) 1966.)