

- **AS USE OF AUTOLOGOUS** platelet-rich plasma (PRP) and platelet-poor plasma (PPP) increases for intraoperative care of a variety of patients, it is important for perioperative nurses to recognize their benefits.
- **AUTOLOGOUS PRP** may decrease postoperative drainage, reduce narcotic requirements, and facilitate an early return to mobility.
- **POSTOPERATIVELY, PATIENTS** should experience fewer complications, recover more rapidly, and have a reduced hospital stay.
- **THIS ARTICLE** defines autologous PRP and PPP, describes processing and application of PRP and PPP, and reports clinical outcomes of the use of platelet concentrate for a group of patients who underwent total knee arthroplasty. *AORN J* 80 (October 2004) 668-674.