



IV ADMIXTURE AT SHIFA PHARMACY

Shifa International Hospital in Faisalabad is the sole healthcare facility in the region to have introduced IV admixture services, guaranteeing the delivery of sterile and uncontaminated medical products to patients.

Intravenous admixtures are the mixing of two or more parenteral preparations in a hospital to meet individual patient's therapeutic needs. Intravenous medications are prepared in a clean room under aseptic (sterile) techniques in Laminar Flow Hoods to avoid contamination. Labeled and packed, then dispensed in ready-to-use form to floors where they are simply administered. Intravenous admixtures are prepared by qualified and trained pharmacists or by technicians under supervision of pharmacists.

BENEFITS OF IV ADMIXTURE

- Accuracy and precision in reconstitution of drugs.
- Safe preparation/dilution of medications by trained staff.
- The final preparation has the right dosage, the right quantity, the right dilution, the right container, and the right label.
- Patient specific & individualized preparations.
- IV admixed Preparations are more economical as compared to original products.
- In pharmacy frequently administered medications can be prepared in batches which decrease both labor and waste.
- Nurses' time saved per dose Approx. 3-5 min per dose preparation = 1500hrs/month = 18000hrs/year
- The amount of unused and wasted parenteral is likely to decrease when a pharmacy IV admixture program is used.
- Safe, effective and high quality patient care
- Savings from dose and reuse of drugs
- Reduction in pilferage of medicine and avoid a major risk in institutions
- Cost of Surgical supplies for medicine preparation shall be reduced (ward level)
- Cost saving (bottom line improvement) from use of cost effective, high margin products of Good Pharmaceuticals
- Overall Cost saving

