

# ACCU VALVE IV set アキュバルブ輸液セット

High tech solution for infusion

流体力学解析により流路を設計した精密流量調整バルブセット

1. 低流量領域の精度向上
2. 700ml/hrまでの高流量調節性能の確保
- 3 専用自動調整装置のサポート



# ACCU DRIP 専用調節装置 アキュドリップ

Innovative solution for infusion

点滴筒に落ちる輸液滴の間隔を赤外線センサーで感知し、マイコンと高精度流量調整バルブ(アキュバルブ)で流量を調節する自動精密注入装置です。

1. 強制的圧力方式ではなく、重力による自然落下式で安全 Safe
2. 流量バルブのピットバック制御で正確 Accurate
3. 小型 軽量 移動が便利 Convenient

Accu Drip



Accu Valve IV set



抗がん病棟



療養病院



小児病棟または  
集中治療室



Smart Drip

## Extravasation Management (Vesicant and Contrast Agents)

**Peripheral IV Vesicant Administration:**  
Must be administered via gravity drip or IV push (e.g., no pump administration). If the medication is administered via a pump, it must be infused through a CVAD. Vasopressors during an emergent situation will be an allowed exception and may be infused via a PIV through a pump, if deemed medically necessary.



This Best Practice applies to all hospital settings, both inpatient and outpatient (e.g., magnetic resonance imaging [MRI] department, emergency department, outpatient infusion clinics), and to all situations in which medications are infused by the IV or epidural route, including anesthesia use and patient-controlled analgesia (PCA). The only exception is for small volume vesicant infusions (i.e., chemotherapy vesicants) which, when administered via the peripheral route, should only be infused by gravity and NOT by an infusion/syringe pump.

### Chemotherapy extravasation guideline

In general, peripheral vesicant infusions should not be administered using an infusion pump. There are a few vesicants (eg dacarbazine and paclitaxel) which may be administered as peripheral infusions via a pump, as long as there is frequent close supervision of the patient's IV site. A full risk assessment should be done when considering whether to administer vesicant drugs using an infusion pump.

Pediatric Reports 2012; volume 4:e28

### Extravasation of antineoplastic agents: prevention and treatments

Peripheral vesicants are administered by gravity infusions or i.v. bolus and should not be infused using an infusion pump since the pump may continue to deliver a vesicant into the tissue until the pump alarm is triggered (AIII).<sup>5,11,16</sup>

- [1] Extravasation management (vesicant and contrast agents). The University of Texas MD Anderson Cancer Center (2021)
- [2] Targeted medication safety best practices for hospitals. Institute for Safe Medication Practices (2021)
- [3] Chemotherapy extravasation guideline. WOSCAN Cancer Nursing and Pharmacy Group (2012)
- [4] Extravasation of antineoplastic agents: prevention and treatments. Pediatric Reports (2012)

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