If elastomeric infusion pumps meet only duration, not flow rate at every hour. It is not good for patients.

Please refer to below information.

It is very important for **chemotherapy drugs to be administered at a consistent flow rate**. Chemotherapy requires precise drug concentration and delivery speed to be effective and to minimize side effects. An inconsistent flow rate can lead to the following issues:

1. Importance of Consistent Flow Rate in Chemotherapy Administration:

- **Maintaining Effective Drug Concentration**: If the drug concentration fluctuates, it may reduce therapeutic efficacy or increase toxicity.
- **Minimizing Side Effects**: Sudden changes in drug concentration can cause unnecessary side effects.
- **Precision in Treatment**: Chemotherapy often requires continuous and consistent dosing over a specific time to achieve optimal results.

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2. Problems with Other Elastomeric Infusion Pumps:

If other **elastomeric infusion pumps** deliver a large volume at the beginning and a smaller volume later, the following issues may occur:

- **Drug Concentration Imbalance**: A high initial dose can lead to a spike in drug concentration, causing toxic reactions.
- **Reduced Effectiveness**: Insufficient drug delivery later can compromise the treatment's effectiveness.
- **Patient Safety Concerns**: Inconsistent flow rates can negatively affect the patient's condition and overall safety.

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3. S&S MED's Competitive Advantage:

Products like **Neofuser** from S&S MED, which provide a consistent flow rate, can prevent these problems. They are particularly suitable for precise treatments like chemotherapy and offer greater reliability for both healthcare providers and patients.

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4. Conclusion:

Elastomeric infusion pumps with inconsistent flow rates are clearly **unsuitable for chemotherapy** or any treatment requiring precise drug delivery. S&S MED's products provide the ideal solution for these requirements, making this a key selling point for marketing efforts.