Fact sheet

ieMR System Improvements – New Iron Infusion Maternity PowerPlan

The new Iron Infusion Maternity PowerPlan is scheduled to be released on Tuesday 14th April 2020.

The new Iron Infusion Maternity PowerPlan was developed with clinical input and extensive engagement from all digital maternity sites. It replaces the old Intravenous Iron – Adult PowerPlan which previously contained one phase for Maternity – Iron Carboxymaltose, only.

For any patients with previously planned Iron – Adult PowerPlans, these will remain active within the patient’s chart until completed or discontinued.

The improvements include:

- Separating the General Adult Intravenous Iron PowerPlans from the Maternity PowerPlan
- Addition of persistent clinical notes specific to the maternity population to assist prescribers when ordering
- Addition of appropriate order sentences to select for iron carboxymaltose that prompts the prescriber to consider patient’s pre-pregnancy weight prior to ordering
- Addition of an IV flush order which is linked to the intravenous iron order
- Inclusion of the optional pre-medications and infusion reaction medication within each iron phase to improve prescribing workflow

This update incorporates maternity iron procedures from across the state. As such, it is important to always refer back to local procedures whenever prescribing or administering intravenous iron.

Two important points to be aware of:

1. The Iron Polymaltose phase contains both the Traditional Infusion Protocol and the Rapid Infusion Protocol. Both Logan-Beaudesert and Redland Hospital procedures do not recommend the Rapid Infusion Protocol due to a lack of evidence in this population.

2. The iron polymaltose orders are associated with the general adult Intravenous Iron Polymaltose Dose Calculator. This dose calculator does not contain all relevant clinical considerations when calculating iron requirements in the maternity population. Always refer back to local procedure to support appropriate prescribing.
What is changing?

- The previous Intravenous Iron – Adult PowerPlan has been replaced by three different PowerPlans to improve intravenous iron prescribing:
  - Iron Infusion Maternity
  - Iron intravenous Carboxymaltose Infusion Adult
  - Iron intravenous Polymaltose Infusion Adult

- The clinical information within the new Iron Infusion Maternity PowerPlan is now maternity-specific and has been developed to broadly align with most maternity procedures across Queensland Health

- Additional order sentences have been built against the iron carboxymaltose order to prompt the prescriber to consider pre-pregnancy weight when ordering

- All intravenous iron orders are now linked with a sodium chloride 0.9% IV flush order. It is important that the prescriber adjust the volume of this flush as per local protocol

For support call Digital Health Clinical Consultation Services 3176 8800
Both the pre-medications and infusion reaction medication is contained within each iron PowerPlan phase to improve prescriber workflow.