prePGT-M referral workflow

- **Preliminary PGT-M feasibility check:** Genetic reports and mutation/ disorder information sent to Juno UK team (pgtm@junogenetics.com). This should include:
  - Background case information
  - Genetic report(s) containing mutation and disorder information

- **Case review**: Juno UK team checks technical feasibility and informs about the prePGT-M case review in the following format to the clinic:

  prePGT-M case review according to the information provided is as follows:
  Condition: Disorder name
  Gene:
  Mutation(s):
  Case history:

  We have reviewed the above mentioned case details and unfortunately we cannot accept the case due to technical challenges with the mutation/ gene of interest.

  OR

  We have reviewed the above mentioned case details and can provisionally accept the prePGT-M case and proceed in the following way(s):

  - *Mutation only and attempt linkage analysis using embryos: This will not require any additional family member samples. The accuracy would be >97% and if enough embryos are available for linkage analysis, the accuracy will increase to 98%*
  - *Mutation and linkage analysis: This will require DNA sample(s) from additional family members (couple's parents, children, previous pregnancies) who are genetically tested for the gene/ mutation of interest. The accuracy would be >98%.*

- **Final steps**:
  To be sent to Juno:
  - Completed prePGT-M test request form (template attached)
  - Any pending documentations including genetic reports for all individuals (couple+reference) involved in the PGT-M case
  - signed PrePGT-M consent form from all participants in the study
  - prePGT-M samples (Blood, DNA, or Saliva)

- The TAT for prePGT-M is 6-8 weeks upon receipt of all relevant samples and documents.
- Once, prePGT-M is completed, the referring clinic and genetic counsellor will receive a prePGT-M completion letter detailing the workup plan for the PGT-M case.

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