Cord Blood Consultation Service

ACBSCT Meeting
September 10, 2019
Search Strategy Advice

- SSA team comprised of Immunogenetic Specialists
- SSA review will automatically list cord blood donors when no or few 10/10 matched unrelated donors are identified
- TCs can directly request this service
- Present best options from which to choose
Cord Blood Consultation Service

• Special cord blood consult = extension of SSA
• Service began in Dec 2015
• External physicians rotate requests
• NMDP sends information to MD performing consult:
  – Cord search report or cord list
  – Search Strategy Advice report (if done)
  – TC contact, specific questions, additional TC requirements
  – Patient demographics, disease, age, weight, transplant timeframe
• MD contact TC to discuss their recommendation
Current Process

- Recommendations are based on latest cord blood selection criteria
- Advertised on network website, at Council Meeting (One Forum), site visits
- Results:
  - 24 requests to date specific to CB consultants
  - 10 cases moved forward to transplant with the recommended CBU

Barker et al., Bio Blood Marrow transplant 23 (2017) 882-886
Recommendations

• Service is valuable despite very low usage
• Dependent on external colleagues
• Experienced MD to provide guidance and to be direct
• Leverage BMT CTN 1702 and DOTS to fine tune the program
  – 1702 – alternative donors presented
  – Donor Optimization for Transplant Success – alternative donors in software
Questions?