MCIR Patient Search - HL7/Transfer

EHR/HL7Xfer

- HL7/EXT Matching request

MRN/MCIR ID

- Is MRN/Patient ID Found? —No→ Is MCIR ID found?
- Is WIC ID found?
- Birth Date match? (Yes)
- Birth Date match? — No → Perform Basic Search
- Similar Name? — No → Perform Basic Search
- Birth Date match? (Yes) — No (loop)
- Birth Date match? (Yes) → Return MCIR ID
- Similar Name? (Yes) → Return MCIR ID
- Return MCIR ID

Basic Search

Only Records scoring >"10" are considered? We must have a "best"

- DOB and Partial Name Match? — No → Perform searches Using (EBC ID), (Soundex/DOB), (Maiden/DOB)
- Score Matching Record(s)
- Is Score > 10? — Yes → Add to list of matches
- More records to score? — Yes
- Is there a "best" score? — No → Return Multiple Match
- Is there a "best" score? — Yes → Set MCIR ID to "Best Record" → Return MCIR ID

Score Matching Records

- Common Name? — No → Set Score to "Low Likely" (7)
- Common Name? — Yes → Set Score to "Med Likely" (8)
- Add Point for Exact Name Match OR Match on all but 2 characters of name
- Add Point for Exact Name Match on First And Last
- Add Point for Medicaid, WIC ID
- Subtract point for mismatch on Wic or Medicaid ID
- Add Point for Maiden Name match
- Is Score > 7? — No → Return No Match
- Is Score > 7? — Yes → Add point if partial match on parent/guardian name or phone
- Add point if partial match on Address (90% of address is same) → Return Score

Parent Guardian name comparisons exclude names containing "Parent"

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