TRACKING AND EXTRACTING LOCAL DATA
From Electronic Health Records

DATA TRACKING AND EXTRACTION OPTIONS:

MANUAL DATA EXTRACTION

PROS

1. **Easy and convenient** for small samples or single extracts
2. **Easily conducted** with simple tools (e.g., Excel spreadsheets)
3. **Opportunity** to review chart and understand data context

CONS

1. **Significant staff time** required
2. **Workflow development** and oversight required
3. **Challenging patient tracking and monitoring**
4. **Prone to human error**
5. **Non-standardized data** due to data generation inconsistencies

AUTOMATED DATA EXTRACTION

PROS

1. **No human error**
2. **No staff time**, besides initial effort
3. **Secure**
4. **Little maintenance**

CONS

1. **Requires informatics expertise** (Knowledge of EHR infrastructure)
2. **Software and licenses** may be required
3. **Data collection workflows** must be in place

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