

# ARKA Documentation Concordance Report

Kit version: 1.0.0

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Offline: true networkCalls: 0

WATERMARK: SYNTHETIC - All patients, orders, and outcomes in this sample are synthetic (ARKA-DEMO-001); no real patient data.

## GUARANTEES (page 1)

- ? This kit reads CSV files and makes zero network calls ? verifiable by running it offline.
- ? No patient identifiers are required, ever.
- ? Clinician attribution is hashed at source by the site; ARKA never receives a name.
- ? Any stratum with  $n < 11$  is suppressed (small-cell rule).
- ? Your site can run this kit and never send ARKA anything.

## COHORT

Orders: 500  
Notes supplied: 63  
Reconstructed: 63  
Typed-only: 437

## RI-RADS DISTRIBUTION VS INPATIENT BENCHMARK (n=762)

| Grade | Site n | Site % | Bench % | Delta    |
|-------|--------|--------|---------|----------|
| A     | 0      | 0.0%   | 1.0%    | -1.0 pp  |
| B     | 21     | 4.2%   | 7.0%    | -2.8 pp  |
| C     | 63     | 12.6%  | 31.0%   | -18.4 pp |
| D     | 271    | 54.2%  | 53.0%   | 1.2 pp   |
| X     | 145    | 29.0%  | 8.0%    | 21.0 pp  |

## GRADE TRANSITION MATRIX (typed -> reconstructed)

Uplift C/D/X->A/B: 100.0% (CI 91.6-100.0%; 42/42)

|   | A  | B | C | D | X |
|---|----|---|---|---|---|
| A | 0  | 0 | 0 | 0 | 0 |
| B | 21 | 0 | 0 | 0 | 0 |
| C | 0  | 0 | 0 | 0 | 0 |
| D | 21 | 0 | 0 | 0 | 0 |
| X | 21 | 0 | 0 | 0 | 0 |

## DOCUMENTATION CONCORDANCE SCORE

Mean DCS: 0.167  
95% CI (bootstrap): 0.137 ? 0.199  
Discordance: 0.0% (CI 0.0-5.7%)  
Reconstruction yield: 100.0% (n=63)

## MISSING ELEMENTS BY TYPE (ACTIONABLE)

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The element most often missing from your requisitions is mechanism, in 100.0% of orders (63 of 63).

|                   |         |             |
|-------------------|---------|-------------|
| mechanism         | missing | 63 (100.0%) |
| red_flag          | missing | 63 (100.0%) |
| exam_finding      | missing | 63 (100.0%) |
| prior_treatment   | missing | 42 (66.7%)  |
| symptom           | missing | 0 (0.0%)    |
| onset             | missing | 0 (0.0%)    |
| duration          | missing | 0 (0.0%)    |
| severity          | missing | 0 (0.0%)    |
| functional_impact | missing | 0 (0.0%)    |

## SMALL-CELL SUPPRESSION

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Any stratum with  $n < 11$  is suppressed. Visible note: strata with  $n = 4$  (if present) are withheld.

[service\_line] pilot\_lab ?  $n = 4 < 11$  (small-cell suppression)  
[clinician\_hash] 03424174937a3431 ?  $n = 1 < 11$  (small-cell suppression)  
[clinician\_hash] 0c91acf565ccac6d ?  $n = 1 < 11$  (small-cell suppression)  
[clinician\_hash] 0f587923cab8bed6 ?  $n = 1 < 11$  (small-cell suppression)  
[clinician\_hash] 13c6926e01854ee5 ?  $n = 1 < 11$  (small-cell suppression)  
[clinician\_hash] 1cde6e4591ece37f ?  $n = 1 < 11$  (small-cell suppression)  
[clinician\_hash] 30f22f81ec4a0d0a ?  $n = 1 < 11$  (small-cell suppression)  
[clinician\_hash] 77c323a12f1a16d1 ?  $n = 1 < 11$  (small-cell suppression)  
[clinician\_hash] 85f4ee2b6fb1dd90 ?  $n = 1 < 11$  (small-cell suppression)  
[clinician\_hash] 8a251b47092ba199 ?  $n = 1 < 11$  (small-cell suppression)  
[clinician\_hash] 8e019dac9d36cbd4 ?  $n = 1 < 11$  (small-cell suppression)  
[clinician\_hash] 8f22f84a1acba14d ?  $n = 1 < 11$  (small-cell suppression)  
[clinician\_hash] 9815ff160fac4052 ?  $n = 1 < 11$  (small-cell suppression)  
[clinician\_hash] 9b788ee79376bc9c ?  $n = 1 < 11$  (small-cell suppression)  
[clinician\_hash] a8bbdd9804a3582e ?  $n = 1 < 11$  (small-cell suppression)  
[clinician\_hash] a9afd9c0ddc61860 ?  $n = 1 < 11$  (small-cell suppression)  
[clinician\_hash] ad327fc6b6f2b187 ?  $n = 1 < 11$  (small-cell suppression)  
[clinician\_hash] b6b27e81903e87bd ?  $n = 1 < 11$  (small-cell suppression)  
[clinician\_hash] b827c9e15a0445a6 ?  $n = 1 < 11$  (small-cell suppression)  
[clinician\_hash] c35b99d5a31858d4 ?  $n = 1 < 11$  (small-cell suppression)  
[clinician\_hash] d095060eb9a5367c ?  $n = 1 < 11$  (small-cell suppression)

NOTE: At least one stratum with  $n = 4$  was suppressed under the small-cell rule.

## METHODS APPENDIX

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RI-RADS A/B/C/D/X rubric (impression, clinical findings, diagnostic question).

DCS = 1 - completeness gap over decision-relevant elements (weight  $\geq 2$ ).

Inpatient benchmark: A 1% / B 7% / C 31% / D 53% / X 8% ( $n = 762$ ).

JAMIA documentation concordance anchor (methods citation): ~81% recoverable from chart vs ~42% on typed requisition in the reference discussion series.

This PDF is generated locally with no network calls and no patient identifiers.

? end of report ?