

APR Extension Profile Proposal

Integrating the

Healthcare Enterprise

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| Proposed Profile | *APR Extension/Continuation* |
| Proposed Editor | *Tone Southerland* |
| Date | *2008* |
| Version | *<current version # of proposal – start at 0.1, 0.2, etc>* |
| Domain | *Patient Care Coordination* |

| The Problem | *<Summarize the integration problem. What doesn’t work, or what needs to work.>* |
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| This proposal requests continuation of work on the Antepartum Record Summary. Sections that require attention include:   * Pregnancy history * Physical exam * Consents | |

| Key Use Case | *<Describe a short use case scenario from the user perspective. The use case should demonstrate the integration/workflow problem. Feel free to add a second use case scenario demonstrating how it “should” work. Try to indicate the people/systems, the tasks they are doing, the information they need, and hopefully where the information should come from.>* |
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| **Basic Antepartum Record Use Case**  This use case reflects the course of care during an uncomplicated pregnancy.  **Pre-condition** The patient’s obstetrician sees the patient for her initial and subsequent prenatal visits. During the initial and/or subsequent prenatal visits information is collected and may be updated within the office Electronic Health Record (EHR), these include:   * Patient demographics * Menstrual history * Obstetric history * Medical history including surgical history, psych-social history * Genetic history and screening/Teratology counseling * Infection history * Family history * Initial and subsequent physical examination * Medications * Problems and risk factors for preterm birth * Allergies * Prenatal visit information * Prenatal Laboratory results * Documentation of patient education and counseling   **Plans for care**  The information collected during the patient’s prenatal visits make up the components which are included in the patient’s Antepartum Record.  **Event(s)  Scenario 1** - At a specified time an initial and/or subsequent patient Antepartum Record is transmitted by the patient’s prenatal care provider EHR to the intended facility for delivery.  The intended facility of delivery health information system receives the transmitted initial and/or subsequent patient Antepartum Record.  **Scenario 2** - At a specified time the initial and/or subsequent patient Antepartum Record registry information is transmitted by the patient’s obstetrician EHR to a registry.  The facility of delivery health information system queries the registry repository for the applicable patient’s Antepartum Record(s). A request is made for the patient’s Antepartum Record. The applicable system which contains the patient’s Antepartum Record then makes available the patients Antepartum Record information to the requesting facility of delivery.  **Post-condition** The received patient Antepartum Record can be viewed and/or imported into the facility for delivery health information system to facilitate patient care by healthcare professional at the time of delivery for the mother and newborn. | |

| Standards & Systems | *<List existing systems that are/could be involved in the problem/solution. If known, list standards which might be relevant to the solution>* |
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| CCD ASTM/ HL7 Continuity of Care Document  CDAR2 HL7 CDA Release 2.0  ACOG AR American College of Obstetricians and Gynecologists (ACOG)  Antepartum Record  LOINC Logical Observation Identifiers, Names and Codes  SNOMED Systemized Nomenclature for Medicine  DSG Document Digital Signature  NAV Notification of Document Availability | |

| Discussion | *<If possible, indicate why IHE would be a good venue to solve the problem and what you think IHE should do to solve it.>* |
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| Completing the work on the Antepartum Record would be a significant step towards creating a more complete Antepartum Summary IHE profile for healthcare professionals to utilize in their exchange/sharing of antepartum summary records.  A copy of an antepartum record is available at: <http://www.acog.org/acb-custom/aa128.pdf> | |

<This [Brief] Profile Proposal must not exceed 2 pages in length>