Dr. Jones submits the prescription.
ePrescription uses a DS to determine Adam’s pharmacy vendor.
ePrescription submits the prescription to the appropriate pharmacy using a (different) opaque identifier for Adam.
Pharmacy needs to clarify the prescription and uses Dr. Jones’s DS to find his LAP-compliant Interaction Service. The pharmacy sends him an IM asking him to call. The confusion is cleared up. The prescription is filled.

Dr. Jones submits prescription to last known pharmacy

Dr. Jones picks up prescription, directs the pharmacy separately, or the pharmacy has previously been given instructions

Adam “authenticates” himself to clerical staff

Adam “authenticates” himself to clerical staff

Adam presents previously issued credentials identifying him as:
• an established patient
• an ePrescription “client”
• an enrollee of payor “InsCo”

Dr. Jones has access to Adam’s medical records in the office

Dr. Jones diagnoses that Adam has a flu

Dr. Jones goes online at ePrescription.com, authenticates himself and selects Adam from the patient-subscriber list. He may or may not have easy access to Adam’s current medications

Dr. Jones accesses his practice’s secure account at ePrescription.
Dr. Jones’s query to ePrescription displays a list of his eligible patients. Adam’s prior consent, recorded in ePrescription’s system, allows ePrescription to use Adam’s LAP-compliant Discovery Service (DS) (RLS) to determine where Adam’s health records are maintained.
ePrescription uses an encrypted opaque identifier for Adam to generate a query for the relevant information (eg, interaction risks based on Adam’s Rx history, drug allergies).

Dr. Jones is able to use the composite EMR to determine the diagnosis with a finer granularity

Without Liberty

With Liberty

Benefits

• Easy update of office medical records
• Easy access to assemble composite EMR for a more complete view of medical condition
• No need for a single unique identifier
• No need for a centralized EMR
• More knowledge can lead to a better diagnosis
• Convenient access to both current medications and any drug allergies to enable better and safer treatment decision
• Segregation of identifiers and information improves security and offers better assurance of privacy
• Dr. Jones gains limited rights to Adam’s information, while never learning Adam’s own identifier at ePrescription or his health plan
• Convenience of SSO and assurance of correct pharmacy

http://www.projectliberty.org/healthcare