Allergyintolerance Fhir Resource Proposal

Contents

AllergyIntolerance

Owning committee name

Patient Care

Contributing or Reviewing Work Groups

Pharmacy

FHIR Resource Development Project Insight ID

pending

Scope of coverage

Allergy/Intolerance resources are used to provide information about adverse sensitivities to substances that lead to physiologic changes that are clinically observable. This definition excludes clinically identical episodes that may be caused by physical agents, such as heat, cold, sunlight, or vibration, by exercise activity, or by infectious agents. Those conditions caused by physical agents or infectious would be captured as a problem.

An allergy/intolerance is a condition that represent a propensity unique to this individual for a reaction upon future exposure to a specified substance. The mechanism of this reaction is often not know or stated, and may vary between individuals and substances.

The collection of allergy/intolerance resources for an individual patient is commonly grouped using a List resource, and commonly referred to as the 'Allergy List'.

RIM scope

Act where classCode = CONC (Concern) and code <= OINT

Resource appropriateness

An Allergy/Intolerance is a reasonably understood concept that is very important for healthcare as it is found and collected in almost all medical systems. It is generally clinically important to be aware of a patients individual Allergy/Intolerances when providing care to them

Expected implementations

CCDA has a section for allergies and all healthcare implementations could reasonably be expected to implement this resource.

Content sources

- C-CDA, draft HL7 v3 models, Allergy/Intolerance DAM Information model, archetypes, v2
- Existing information systems

Example Scenarios

- An allergy to a specific medication or to a class of medications
- A reaction to a substance such as 'sticking plaster'
- An allergy to the metal Nickel

Resource Relationships

This is a top-level resource that may be combined into a List but otherwise will not be referenced by other resources. It has a link to AdverseReaction (which records the nature of the reaction) as well as to Observation and Substance. When recording medication orders, the presence or absence of Allergies will oftem be recorded

Timelines

Expected to be balloted DSTU in September 2013

gForge Users

jduteau

Issues

- As this resource is developed, need to clarify relationship with AdverseReaction. Logically, they seem very close in

their definitions.