CARIN Blue Button® IG

STU2 Change Overview
CARIN BlueButton STU2 – New Tickets

**FHIR-38661** - Update CPCDS\text{toFHIRProfiles\text{Mapping and rendering to include service and billable period dates}
Persuasive - \text{http://build.fhir.org/ig/HL7/carin-bb/CARINforBlueButtonProfileComparison.xlsx}

**FHIR-38660** - Change Base EOB\text{.identifier to require uc type}
Persuasive - \text{https://build.fhir.org/ig/HL7/carin-bb/branches/master/StructureDefinition-C4BB-ExplanationOfBenefit.html\#tabs-diff}

**FHIR-38668** - Change Pharmacy EOB item.serviced[x] to only date
Persuasive

**FHIR-38669** - Add MS to EOB profiles with item.serviced[x] constraints
Persuasive

**FHIR-38692** - Update navigation and titles
Persuasive – Move Conformance requirements to a page called “Conformance Requirements”, move General Guidance under CPCDS menu item and rename “Considerations for App Rendering” to “Considerations for Improving Interoperability”
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Substantive Changes

https://build.fhir.org/ig/HL7/carin-bb/index.html
https://jira.hl7.org/secure/Dashboard.jspa?selectPageld=14005

Added Oral ExplanationOfBenefit profile
• Based On the Professional & NonClinician EOB profile
• Includes bodySite binding for Oral Cavity or tooth number and subsite for tooth surface
• Includes Orthodontics, Prosthesis, Missing Tooth Number, and Additional Body Site slices on supportingInfo
• Guidance and invariants on bodySite, subsite, and supportingInfo[additionalbodysite] slice

Added Vision as an ExplanationOfBenefit.type to Professional NonClinician profile for Vision EOBs

Changed cardinality of ExplanationOfBenefit.item
• from 0..* to 1..* in Base ExplanationOfBenefit profile requiring ExplanationOfBenefit for all all Resource ExplanationOfBenefit profiles

Require item.location[x] to be only CodeableConcept in Professional and Oral ExplanationOfBenefit profiles

Changed Professional NonClinician ExplanationOfBenefit item.location[x] from cardinality of 0..1 to 1..1 and added Must Support

Changed item.serviced[x] and billablePeriod cardinality
• ExplanationOfBenefit.item.serviced[x] from 0..1 to 1..1 and billablePeriod from 0..1 to 1..1 for Outpatient Institutional ExplanationOfBenefit profile
• ExplanationOfBenefit.item.serviced[x] and ExplanationOfBenefit.billablePeriod from 0..1 to 1..1 for Professional NonClinician ExplanationOfBenefit profile
• ExplanationOfBenefit.item.serviced[x] from 0..1 to 1..1 for Pharmacy ExplanationOfBenefit profile

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Substantive Changes

**Moved Benefit Payment Status Information**
- Moved ExplanationOfBenefit.total[benefitpaymentstatus] slice to ExplanationOfBenefit.adjudication[benefitpaymentstatus] (therefore not requiring an amount property) for Inpatient Institutional, Outpatient Institutional, Pharmacy, and Oral ExplanationOfBenefit profiles, changed the pattern to match other adjudication repetitions, and update the invariants appropriately
- In ballot was moved to supportingInfo, but then to adjudication in ballot reconciliation

**Changed performing to rendering**
- Changed codes term of "performing" provider to "rendering" provider in the Claim Care Team Role and Adjudication Discriminator CodeSystems and in Oral ExplanationOfBenefit and Professional NonClinician ExplanationOfBenefit profiles rendering provider network status

**Changed billing and rendering network contracting status from supportingInfo slice to billing/rendering network status in adjudication**
- Changed rendering network status from ExplanationOfBenefit.supportingInfo slice to ExplanationOfBenefit.adjudication slice in Oral ExplanationOfBenefit and Professional NonClinician ExplanationOfBenefit profiles and changed billing network status ExplanationOfBenefit.supportingInfo slice to ExplanationOfBenefit.adjudication slice in all non-abstract ExplanationOfBenefit profiles
- Changed provider "contracting network status" to provider "network status" slicing, CodeSystems, and ValueSets harmonizing contracting and network status

**Changed Practitioner and Organization profiles identifier.type NPI**
- Changed NPI slice Identifier.type to use the code 'NPI' from CodeSystem http://terminology.hl7.org/CodeSystem/v2-0203
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Significant Changes

Added RelatedPerson Payee.party
- Changed payee.party cardinality from 1..1 to 0..1
- Added invariant requiring payee.party if payee.type='other' in Base ExplanationOfBenefit profile
- Added new RelatedPerson profile as a reference option

Updated the definition of Must Support
- Defining server requirements saying "Health Plan API actors SHALL be capable of populating all data elements the payer maintains" which are marked as Must Support
- Remove client requirement that "Consumer App actors SHOULD be capable of storing the information for other purposes"

Opened adjudication slicing
- Changed ExplanationOfBenefit.adjudication and ExplanationOfBenefit.item.adjudication slicing from closed to open for all Resource ExplanationOfBenefit profiles

Add not-applicable code to product-or-service
- Add not-applicable code to Professional Procedure Codes ValueSet and Oral Procedure Code ValueSet for Professional NonClinician ExplanationOfBenefit profile (with Invariant allowing only if type = vision) and Oral (ExplanationOfBenefit.item.productOrService)

Add Non-emergency transport data to professional profile
- Added Non-emergency transport information to ExplanationOfBenefit.supportingInfo slices to the Professional NonClinician ExplanationOfBenefit profile along with invariant rules
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Significant Changes

Changed meta.profile requirements
• Removed meta.profile requirements on Abstract base ExplanationOfBenefit profile
• Changed other profiles constraints to invariant not requiring matching patch version

Added refills authorized in Pharmacy EOB
• Added refillsAuthorized slice to ExplanationOfBenefit.supportingInfo of Pharmacy ExplanationOfBenefit profile

Made changes to search parameter requirements
• Added service-start-date search parameter and billable-period-start search parameter
• Added _id search parameter for all resources and change conformance expectation for Practitioner and Organization resources to SHOULD to allow for them to be supported as contained resources
• Added guidance on the expectation of _include support and interpretation of _include=ExplanationOfBenefit:* to search Parameters page and Capability Statement including adding ExplanationOfBenefit:payee

Guidance on understanding of ExplanationOfBenefits & rendering considerations
• Guidance with an example printed explanation of benefit with mappings to CPCDS elements and resource paths