Fixed Items:

1. [FHIR-29608](https://jira.hl7.org/browse/FHIR-29608)
   * Issue: Incorrect use of dratOrders on order-sign
   * Resolution: seems to be required by the CDS Hooks spec
2. [FHIR-29598](https://jira.hl7.org/browse/FHIR-29598)
   * Issue: Not convinced that a web service based decision support can do better than existing DDI solutions.
   * Resolution: Added full section (see review comment)
3. [FHIR-29601](https://jira.hl7.org/browse/FHIR-29601)
   * Issue: It is not clear what the additional context field is. I do not see a context field in the proposed 1.1 version of the hook that is not present in the existing 1.0 version.
   * Resolution: This was an issue with our wording so we deleted the line of text.
4. [FHIR-29613](https://jira.hl7.org/browse/FHIR-29613)
   * Issue: Recommend not getting rid of "prescribe."
   * Resolution: It appears that the medication-prescribe hook is not going to be available in future cds-hooks versions. order-sign should fill that role but more precisely within the clinical workflow. So, we would like to keep medication-prescribe out of the IG.
5. [FHIR-29614](https://jira.hl7.org/browse/FHIR-29614)
   * Issue: Grammar correction : The barriers to a successful PDDI CDS are both theoretical and technological.
   * Resolution: Changed text
6. [FHIR-29615](https://jira.hl7.org/browse/FHIR-29615)
   * Issue: Throughout: correct "decision making" to "decision-making"
   * Resolution: Changed text
7. [FHIR-29616](https://jira.hl7.org/browse/FHIR-29616)
   * Issue: Typo: World
   * Resolution: Changed text
8. [FHIR-29618](https://jira.hl7.org/browse/FHIR-29618)
   * Issue: typo: knowledge - here and in 2.0.0
   * Resolution: Changed text
9. [FHIR-29623](https://jira.hl7.org/browse/FHIR-29623)
   * Issue: Typo: Digoxin
   * Resolution: Changed text

Unresolved Items:

1. [FHIR-29609](https://jira.hl7.org/browse/FHIR-29609)
   * Issue: Required coordiation extensions should be included within PDDI implementation guide
   * Description: Balloted content relies on extension elements being added to the base specification and "CDS Hooks current" link is to non-HL7 content. The proposed extensions should be included as part of the PDDI implementation guide. The CDS Hooks specification will not propose extensions.
2. [FHIR-29599](https://jira.hl7.org/browse/FHIR-29599)
   * Issue: PDDI attempting to formalize this outside of CDS Hooks is likely to be disruptive to the future direction of CDS Hooks
   * Description: I would say, this should be the scope / jurisdiction of the CDS Hooks community. PDDI attempting to formalize this outside of CDS Hooks is likely to be disruptive to the future direction of CDS Hooks. Especially, the need for co-ordination or for configuration is in no way unique to the PDDI use case, but rather a CDS Hooks concern.
   * Note: This is the reverse of what the CDS Hooks folks said to us. Since we are just using what is available in CDS Hooks already, I don’t think we are disruptive
3. [FHIR-29600](https://jira.hl7.org/browse/FHIR-29600)
   * Issue: The basic implementation is a repetition of the CDS Hooks standard.
   * Description: The basic implementation is a repetition of the CDS Hooks standard. There aren't any clear addition of detail to the CDS Hooks standard that is specific to PDDI. Therefore, it seems this part is redundant with CDS Hooks, and doesn’t justify being a PDDI IG.
   * Note: *Need to do a better of clarifying how the IG is adding to CDS Hooks IG: use of min info mode in the card responses, configuration coordination, example artifacts which are needed by DDI knowledge authors*
4. [FHIR-29602](https://jira.hl7.org/browse/FHIR-29602)
   * Issue: The appropriate place for content like this is not a PDDI IG, but the CDS Hooks specification.
   * Description: The gist of the advanced implementation is really how to co-ordinate between two hooks. Again, this is not specific to PDDI, and should be in the scope of the CDS Hooks specification. It is also not clear how coordination between hooks will inherently increase the usefulness of a given PDDI alert / reduce clinician alert fatigue. Therefore it feels like the appropriate place for content like this is not a PDDI IG, but the CDS Hooks specification.
   * Note: *Need to do a better of clarifying how the IG is distinct from the CDS Hooks IG: use of min info mode in the card responses, configuration coordination, example artifacts which are needed by DDI knowledge authors. Also, we will cite recent publications that refer to these attributes*
5. [FHIR-29603](https://jira.hl7.org/browse/FHIR-29603)
   * Issue: the proposed spec / ig is a standard, should create standard named field(s) within the CDS Hooks specification for it.
   * Description: The CDS Hooks specification does not use "extensions" and reserves extensions for the purpose of incorporating "non-standard" content into the request via mutual agreement between the client and the service. However, this IG / spec uses an extension - which is a red flag to me for the following reaons (1) It is thereby standardising something CDS Hooks explicitly reserves for non-standard uses (2) If the proposed spec / ig is a standard, the appropriate thing to do would be to create standard named field(s) within the CDS Hooks specification for it.
   * Note: Needs discussion
6. [FHIR-29617](https://jira.hl7.org/browse/FHIR-29617)
   * Issue: Clarify whether these have NCPDP SCRIPT functions in outpatient e-prescribing world?
   * Description: Getting to inpatient/outpatient application – would these have NCPDP SCRIPT functions in outpatient e-prescribing world?
   * Note: Needs discussion
7. [FHIR-29619](https://jira.hl7.org/browse/FHIR-29619)
   * Issue: Please clarify: how does outpatient e-prescribing via NCPDP SCRIPT fit in here?
   * Note: Needs discussion
8. [FHIR-29620](https://jira.hl7.org/browse/FHIR-29620)
   * Issue: Is it possible to provide the CDS information at an intermediate step between product selection and signing the order?
   * Description: However, as the warfarin/NSAID example shows, downstream selections – such as route (e.g., topical) – can impact the drug-drug interaction. Also, dose/duration may be other important factor in whether or not this is actually a clinically significant interaction. Is it possible to provide the CDS information at an intermediate step between product selection and signing the order?
   * Note: Needs discussion
9. [FHIR-29621](https://jira.hl7.org/browse/FHIR-29621)
   * Issue: Disagree with configuration to not address certain drugs - this might be an added risk.
   * Description: Disagree with configuration to not address certain drugs - this might be an added risk, especially if CDS users begin to rely on them and become complacent
   * Note: Needs discussion
10. [FHIR-29622](https://jira.hl7.org/browse/FHIR-29622)
    * Issue: Practicing clinicians using the EHR must be consulted re: any configuration decisions made related to the CDS service and what alerts to present.
    * Description: Suggest we add a comment here that is critical for the practicing clinicians using the EHR be consulted with/actively involved in any configuration decisions made related to the CDS service and what alerts to present. The IT implementers at the site be unlikely to have the clinical knowledge to evaluate the potential burdens of “over alerting” vs. the risks of missing important safety messages. Clinicians need to carefully evaluate the potential burdens vs. risks and make a careful decision on CDS configuration.
    * Note: Needs discussion

Affirmative but not altered:

1. [FHIR-28508](https://jira.hl7.org/browse/FHIR-28508)
   * Issue: Please change MUST to SHOULD in the following sentence:  “If the CDS rule execution engine does not receive prefetch data in the request it MUST query the FHIR server via network call.”
   * Description:  Note that in some implementations, querying the FHIR server might not be an option.
   * Note: Should we make this change?
2. [FHIR-28509](https://jira.hl7.org/browse/FHIR-28509)
   * Issue: Consider removing this sentence: “It is RECOMMENDED that the rule engine be able to execute CDS rules written in CQL and represented as a FHIR Library resource, either directly or compiled to HL7 Expression Logical Model.”
   * Description: Note that the method by which a CDS service evaluates requests is outside the scope of the CDS Hooks specification.  Various programming languages, rule engines and/or machine learning models may be used.
   * Note: Should we make this change?
3. [FHIR-28510](https://jira.hl7.org/browse/FHIR-28510)
   * Issue: The link to the description of “configuration-items” works, but no information about “configuration-items” is provided at the destination web page (the CDS Hooks specification).
   * Note: Unsure how to resolve
4. [FHIR-28511](https://jira.hl7.org/browse/FHIR-28511)
   * Issue: In Figure 10, note that an order selection dropdown list may or may not include the route; therefore, the node that evaluates whether or not the selected order is topical diclofenac may or may not be able to be evaluated.