IHE Work Item Proposal (Short)

# Proposed Work Item: IHE MHD Implementation Guide

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Date: 18.10.2020

Version: 0.1

Domain: IHE ITI

# The Problem

FHIR uses Implementation Guides (IG) to describe specific Uses Cases. Next to the textual description conformance resources and terminology can be provided to facilitate conformance testing. IHE ITI has already specified ITI MHD conformance resources, however there are not yet packaged in a FHIR Implementation Guide. IHE Services is building up the infrastructure for testing interoperability based on FHIR IG’s and IHE profiles like MHD could be tested directly if the conformance resources can be accessed from an IG.

# Key Use Case

Provide an IG for MHD that can be used for interoperability testing at IHE Connectathon’s / projectathon’s and defining of derived IG’s.

# Standards & Systems

FHIR Implementation Guides: <https://www.hl7.org/fhir/implementationguide.html>  
FHIR conformance resources: <https://github.com/IHE/fhir>, experimental ig’s [1](https://github.com/IHE/ITI.MHD), [2](https://github.com/JohnMoehrke/MHD-fsh/)   
EVS Client with IG Support ([Link](https://ehealthsuisse.ihe-europe.net/EVSClient/fhir/validator.seam?standard=CH%3AFHIR%20R4&extension=MHEALTH))  
Example of IG which includes MHD conformance resources for [Swiss EPR mHealth IG](http://fhir.ch/ig/ch-epr-mhealth/index.html).

# Discussion

Official formal IHE ITI conformance resources defined in an IG and managed by the IHE ITI tech committee should be a key focus in developing FHIR based profiles.