

# MedMij FHIR use case Vital Signs, version 2017.01



SELF-MEASUREMENTS



AFSPRAKENSTELSEL



FUNCTIONEEL



TECHNISCH



## List of StructureDefinitions

These profiles are derived from the official HL7 Vital Signs profiles (<http://hl7.org/fhir/observation-vitalsigns.html>). The purpose of these profiles is to add additional concepts that are not in the vital sign profiles but are provided in the corresponding ZIB. Moreover, these derived profiles include ZIB to FHIR mappings. Because the base vital signs (<http://hl7.org/fhir/vitalsigns.html>) profile constrains the .code and the .component.code to the datatype quantity it is not possible to add additional ZIB concepts. A GForge issue ([https://gforge.hl7.org/gf/project/fhir/tracker/?action=TrackerItemEdit&tracker\\_item\\_id=13796](https://gforge.hl7.org/gf/project/fhir/tracker/?action=TrackerItemEdit&tracker_item_id=13796)) is created to address this problem. This issue will most likely be resolved with FHIR version STU4. However, to address this problem on the short term the base vital signs panel is copied, the datatype constrain removed and published under a different canonical URL. The HL7 vital sign profiles bloodpressure, bodyweight and oxygensaturation are copied, the StructureDefinition.baseDefinition adjusted and published under a different canonical url because they are in the chain of derived profiles and the component.code need to be used for these vital signs.

ZIB name NL	ZIB name EN	FHIR Resource	URL profile	Reference to section
Bloeddruk	BloodPressure	Observation	<a href="http://nictiz.nl/fhir/StructureDefinition/zib-BloodPressure">http://nictiz.nl/fhir/StructureDefinition/zib-BloodPressure</a> ( <a href="https://simplifier.net/resolve?target=simplifier&amp;canonical=http://nictiz.nl/fhir/StructureDefinition/zib-BloodPressure&amp;scope=nictiz.fhir.nl.stu3.zib2015@1.0.0">https://simplifier.net/resolve?target=simplifier&amp;canonical=http://nictiz.nl/fhir/StructureDefinition/zib-BloodPressure&amp;scope=nictiz.fhir.nl.stu3.zib2015@1.0.0</a> )	<a href="#">BloodPressure</a>
LichaamsGewicht	BodyWeight	Observation	<a href="http://nictiz.nl/fhir/StructureDefinition/zib-BodyWeight">http://nictiz.nl/fhir/StructureDefinition/zib-BodyWeight</a> ( <a href="https://simplifier.net/resolve?target=simplifier&amp;canonical=http://nictiz.nl/fhir/StructureDefinition/zib-BodyWeight&amp;scope=nictiz.fhir.nl.stu3.zib2015@1.0.0">https://simplifier.net/resolve?target=simplifier&amp;canonical=http://nictiz.nl/fhir/StructureDefinition/zib-BodyWeight&amp;scope=nictiz.fhir.nl.stu3.zib2015@1.0.0</a> )	<a href="#">BodyWeight</a>
LichaamsLengte	BodyHeight	Observation	<a href="http://nictiz.nl/fhir/StructureDefinition/zib-BodyHeight">http://nictiz.nl/fhir/StructureDefinition/zib-BodyHeight</a> ( <a href="https://simplifier.net/resolve?target=simplifier&amp;canonical=http://nictiz.nl/fhir/StructureDefinition/zib-BodyHeight&amp;scope=nictiz.fhir.nl.stu3.zib2015@1.0.0">https://simplifier.net/resolve?target=simplifier&amp;canonical=http://nictiz.nl/fhir/StructureDefinition/zib-BodyHeight&amp;scope=nictiz.fhir.nl.stu3.zib2015@1.0.0</a> )	<a href="#">BodyHeight</a>
Lichaamstemperatuur	BodyTemperature	Observation	<a href="http://nictiz.nl/fhir/StructureDefinition/zib-BodyTemperature">http://nictiz.nl/fhir/StructureDefinition/zib-BodyTemperature</a> ( <a href="https://simplifier.net/resolve?target=simplifier&amp;canonical=http://nictiz.nl/fhir/StructureDefinition/zib-BodyTemperature&amp;scope=nictiz.fhir.nl.stu3.zib2015@1.0.0">https://simplifier.net/resolve?target=simplifier&amp;canonical=http://nictiz.nl/fhir/StructureDefinition/zib-BodyTemperature&amp;scope=nictiz.fhir.nl.stu3.zib2015@1.0.0</a> )	<a href="#">BodyTemperature</a>
O2Saturatie	oxygenation, saturation, SpO2	Observation	<a href="http://nictiz.nl/fhir/StructureDefinition/zib-OxygenSaturation">http://nictiz.nl/fhir/StructureDefinition/zib-OxygenSaturation</a> ( <a href="https://simplifier.net/resolve?target=simplifier&amp;canonical=http://nictiz.nl/fhir/StructureDefinition/zib-OxygenSaturation&amp;scope=nictiz.fhir.nl.stu3.zib2015@1.0.0">https://simplifier.net/resolve?target=simplifier&amp;canonical=http://nictiz.nl/fhir/StructureDefinition/zib-OxygenSaturation&amp;scope=nictiz.fhir.nl.stu3.zib2015@1.0.0</a> )	<a href="#">OxygenSaturation</a>
Hartfrequentie	HeartFrequency	Observation	<a href="http://nictiz.nl/fhir/StructureDefinition/zib-HeartRate">http://nictiz.nl/fhir/StructureDefinition/zib-HeartRate</a> ( <a href="https://simplifier.net/resolve?target=simplifier&amp;canonical=http://nictiz.nl/fhir/StructureDefinition/zib-HeartRate&amp;scope=nictiz.fhir.nl.stu3.zib2015@1.0.0">https://simplifier.net/resolve?target=simplifier&amp;canonical=http://nictiz.nl/fhir/StructureDefinition/zib-HeartRate&amp;scope=nictiz.fhir.nl.stu3.zib2015@1.0.0</a> )	<a href="#">HeartRate</a>

Overgenomen van "[https://informatiestandaarden.nictiz.nl/index.php?title=MedMij-V2017.01\\_FHIR\\_VitalSigns&oldid=32664](https://informatiestandaarden.nictiz.nl/index.php?title=MedMij-V2017.01_FHIR_VitalSigns&oldid=32664)"

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