

AMA Self-measured Blood Pressure FHIR IG

[PSS Help and FAQs](#)

[Comments](#)

1a. Project Name	Clinician Guided Self-measured Blood Pressure FHIR IG
1b. Project ID	1568
1c. Is Your Project an Investigative Project (aka PSS-Lite)?	No
1d. Is your Project Artifact being Reaffirmed or proceeding to Normative directly after being either Informative or STU?	No
1e. Today's Date	
1f. Name of standard being reaffirmed	
1g. Project Artifact Information	
1h. ISO/IEC Standard to Adopt	
1i. Does the standard include excerpted text from one or more ISO, IEC or ISO/IEC standards, but is not an identical or modified adoption?	
1j. Unit of Measure	
2a. Primary/Sponsor WG	Patient Administration
2b. Co-Sponsor WG	Imaging Integration
2c. Co-Sponsor Level of Involvement	Request formal content review prior to ballot
2b. Co-Sponsor WG 2	Payer/Provider Information Exchange
2d. Project Facilitator	Corey Smith? Others
2e. Other Interested Parties (and roles)	
2f. Modeling Facilitator	
2g. Publishing Facilitator	
2h. Vocabulary Facilitator	Rob Hausam?
2i. Domain Expert Representative	

2j. Business Requirements Analyst	
2k. Conformance Facilitator	TBD
2l. Other Facilitators	
2m. Implementers	
3a. Project Scope	<p>Develop a FHIR Implementation Guide to represent Self-measured Blood Pressure Using A Remote Monitoring Device (SMBP). Goals are to:</p> <ul style="list-style-type: none"> Meet clinical criteria and gain widespread adoption in support of AMA IHMI mission Reduce variability in the expression of meaning Ability to compute logical subsumption and equivalence across terminology and information models (experimental) Leverage existing tools, team strengths, and work within internally established AMA timelines <p>This scope focuses on clinician guided remote monitoring programs not consumer initiated monitoring</p>
Attachments	ama_ihmi_hl7_oo_cimi_SMBP_20190815.pptx
3b. Project Need	<p>Why Hypertension? Uncontrolled Blood Pressure About 85 million adults (approximately 1 in 3) in the United States have high blood pressure, a contributing factor to major health conditions including heart attack, heart failure, stroke, and kidney failure. Research also shows that in 45.9% of those with high blood pressure the condition is not controlled—36.7 million people! Costs Beyond Patient Health It is estimated that high blood pressure costs the country \$48.6 billion each year, including health care services, medications, and missed days of work. There are new opportunities to use remote monitoring outside the clinic.</p> <p>Improving Health Outcomes: Target BP Program Helps health care organizations, at no cost, improve BP control rates through an evidence-based quality improvement program and recognizes organizations committed to improving BP control MEASURE blood pressure accurately, every time Enable Patient SelfMeasurement Patients can take an active role in their treatment by monitoring their own BP readings outside of the clinical setting. SMBP can also help providers better diagnose high BP and effectively manage patients. www.targetbp.com</p>
3c. Security Risk	No
3d. External Drivers	
3e. Objectives/Deliverables and Target Dates	
3f. Common Names / Keywords / Aliases:	SMBP
3g. Lineage	
3h. Project Dependencies	
3i. HL7-Managed Project Document Repository URL:	
3j. Backwards Compatibility	No
3k. Additional Backwards Compatibility Information (if applicable)	
3l. Using Current V3 Data Types?	N/A

3l. Reason for not using current V3 data types?	
3m. External Vocabularies	Yes
3n. List of Vocabularies	
3o. Earliest prior release and/or version to which the compatibility applies	
4a. Products	FHIR Extensions, FHIR Implementation Guide, FHIR Profiles
4b. For FHIR IGs and FHIR Profiles, what product version(s) will the profiles apply to?	
4c. FHIR Profiles Version	
4d. Please define your New Product Definition	
4d. Please define your New Product Family	
5a. Project Intent	Create new standard, Implementation Guide (IG) will be created/modified
5a. White Paper Type	
5a. Is the project adopting/endorsing an externally developed IG?	No
5a. Externally developed IG is to be (select one)	
5a. Specify external organization	American Medical Association
5a. Revising Current Standard Info	
5b. Project Ballot Type	STU to Normative
5c. Additional Ballot Info	
5d. Joint Copyright	
5e. I understand I must submit a Joint Copyright Letter of Agreement to the TSC in order for the PSS to receive TSC approval.	no
6a. External Project Collaboration	
6b. Content Already Developed	60% ? 80%?
6c. Content externally developed?	Yes
6d. List Developers of Externally Developed Content	American Medical Association
6e. Is this a hosted (externally funded) project?	

6f. Stakeholders	Clinical and Public Health Laboratories, Quality Reporting Agencies, Regulatory Agency, Standards Development Organizations (SDOs), Payors
6f. Other Stakeholders	
6g. Vendors	Equipment, Health Care IT
6g. Other Vendors	
6h. Providers	Healthcare Institutions (hospitals, long term care, home care, mental health)
6h. Other Providers	
6i. Realm	Universal
7d. US Realm Approval Date	
7a. Management Group(s) to Review PSS	
7b. Sponsoring WG Approval Date	
7c. Co-Sponsor Approval Date	
7c. Co-Sponsor 2 Approval Date	
7c. Co-Sponsor 3 Approval Date	
7c. Co-Sponsor 4 Approval Date	
7c. Co-Sponsor 5 Approval Date	
7c. Co-Sponsor 6 Approval Date	
7c. Co-Sponsor 7 Approval Date	
7c. Co-Sponsor 8 Approval Date	
7c. Co-Sponsor 9 Approval Date	
7c. Co-Sponsor 10 Approval Date	
7e. CDA MG Approval Date	
7f. FMG Approval Date	
7g. V2 MG Approval Date	
7h. Architecture Review Board Approval Date	
7i. Steering Division Approval Date	
7j. TSC Approval Date	

Version	8
Modifier	Dave Hamill
Modify Date	Oct 16, 2019 16:08
1a. Project Name	Clinician Guided Self-measured Blood Pressure FHIR IG
1b. Project ID	1568
1c. Is Your Project an Investigative Project (aka PSS-Lite)?	No
1d. Is your Project Artifact now proceeding to Normative directly or after being either Informative or STU?	No
2a. Primary/Sponsor WG	Patient Administration
2b. Co-Sponsor WG	Imaging Integration
2c. Co-Sponsor Level of Involvement	Request formal content review prior to ballot
2b. Co-Sponsor WG 2	Payer/Provider Information Exchange
2d. Project Facilitator	Corey Smith? Others
2h. Vocabulary Facilitator	Rob Hausam?
2k. Conformance Facilitator	TBD
3a. Project Scope	<p>Develop a FHIR Implementation Guide to represent Self-measured Blood Pressure Using A Remote Monitoring Device (SMBP). Goals are to:</p> <ul style="list-style-type: none"> Meet clinical criteria and gain widespread adoption in support of AMA IHMI mission Reduce variability in the expression of meaning Ability to compute logical subsumption and equivalence across terminology and information models (experimental) Leverage existing tools, team strengths, and work within internally established AMA timelines <p>This scope focuses on clinician guided remote monitoring programs not consumer initiated monitoring</p>
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3b. Project Need	<p>Why Hypertension? Uncontrolled Blood Pressure About 85 million adults (approximately 1 in 3) in the United States have high blood pressure, a contributing factor to major health conditions including heart attack, heart failure, stroke, and kidney failure. Research also shows that in 45.9% of those with high blood pressure the condition is not controlled—36.7 million people! Costs Beyond Patient Health It is estimated that high blood pressure costs the country \$48.6 billion each year, including health care services, medications, and missed days of work. There are new opportunities to use remote monitoring outside the clinic.</p> <p>Improving Health Outcomes: Target BP Program Helps health care organizations, at no cost, improve BP control rates through an evidence-based quality improvement program and recognizes organizations committed to improving BP control MEASURE blood pressure accurately, every time Enable Patient SelfMeasurement Patients can take an active role in their treatment by monitoring their own BP readings outside of the clinical setting. SMBP can also help providers better diagnose high BP and effectively manage patients. www.targetbp.com</p>

3c. Security Risk	No
3f. Common Names / Keywords / Aliases:	SMBP
3j. Backwards Compatibility	No
3l. Using Current V3 Data Types?	N/A
3m. External Vocabularies	Yes
4a. Products	FHIR Extensions, FHIR Implementation Guide, FHIR Profiles
5a. Project Intent	Create new standard, Implementation Guide (IG) will be created/modified
5a. Is the project adopting/endorsing an externally developed IG?	No
5a. Specify external organization	American Medical Association
5b. Project Ballot Type	STU to Normative
6b. Content Already Developed	60% ? 80%?
6c. Content externally developed?	Yes
6d. List Developers of Externally Developed Content	American Medical Association
6f. Stakeholders	Clinical and Public Health Laboratories, Quality Reporting Agencies, Regulatory Agency, Standards Development Organizations (SDOs), Payors
6g. Vendors	Equipment, Health Care IT
6h. Providers	Healthcare Institutions (hospitals, long term care, home care, mental health)
6i. Realm	Universal
Version	7
Modifier	Lorraine Constable
Modify Date	Sep 16, 2019 14:32
1a. Project Name	Clinician Guided Self-measured Blood Pressure FHIR IG
1c. Is Your Project an Investigative Project (aka PSS-Lite)?	No
1d. Is your Project Artifact now proceeding to Normative directly or after being either Informative or STU?	No
2a. Primary/Sponsor WG	Patient Administration
2b. Co-Sponsor WG	Imaging Integration
2c. Co-Sponsor Level of Involvement	Request formal content review prior to ballot

2b. Co-Sponsor WG 2	Payer/Provider Information Exchange
2d. Project Facilitator	Corey Smith? Others
2h. Vocabulary Facilitator	Rob Hausam?
2k. Conformance Facilitator	TBD
3a. Project Scope	<p>Develop a FHIR Implementation Guide to represent Self-measured Blood Pressure Using A Remote Monitoring Device (SMBP). Goals are to:</p> <ul style="list-style-type: none"> Meet clinical criteria and gain widespread adoption in support of AMA IHMI mission Reduce variability in the expression of meaning Ability to compute logical subsumption and equivalence across terminology and information models (experimental) Leverage existing tools, team strengths, and work within internally established AMA timelines <p>This scope focuses on clinician guided remote monitoring programs not consumer initiated monitoring</p>
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3b. Project Need	<p>Why Hypertension? Uncontrolled Blood Pressure About 85 million adults (approximately 1 in 3) in the United States have high blood pressure, a contributing factor to major health conditions including heart attack, heart failure, stroke, and kidney failure. Research also shows that in 45.9% of those with high blood pressure the condition is not controlled—36.7 million people! Costs Beyond Patient Health It is estimated that high blood pressure costs the country \$48.6 billion each year, including health care services, medications, and missed days of work. There are new opportunities to use remote monitoring outside the clinic.</p> <p>Improving Health Outcomes: Target BP Program Helps health care organizations, at no cost, improve BP control rates through an evidence-based quality improvement program and recognizes organizations committed to improving BP control MEASURE blood pressure accurately, every time Enable Patient SelfMeasurement Patients can take an active role in their treatment by monitoring their own BP readings outside of the clinical setting. SMBP can also help providers better diagnose high BP and effectively manage patients. www.targetbp.com</p>
3c. Security Risk	No
3f. Common Names / Keywords / Aliases:	SMBP
3j. Backwards Compatibility	No
3l. Using Current V3 Data Types?	N/A
3m. External Vocabularies	Yes
4a. Products	FHIR Extensions, FHIR Implementation Guide, FHIR Profiles
5a. Project Intent	Create new standard, Implementation Guide (IG) will be created/modified
5a. Is the project adopting/endorsing an externally developed IG?	No
5a. Specify external organization	American Medical Association
5b. Project Ballot Type	STU to Normative
6b. Content Already Developed	60% ? 80%?

6c. Content externally developed?	Yes
6d. List Developers of Externally Developed Content	American Medical Association
6f. Stakeholders	Clinical and Public Health Laboratories, Quality Reporting Agencies, Regulatory Agency, Standards Development Organizations (SDOs), Payors
6g. Vendors	Equipment, Health Care IT
6h. Providers	Healthcare Institutions (hospitals, long term care, home care, mental health)
6i. Realm	Universal
Version	6
Modifier	Lorraine Constable
Modify Date	Sep 16, 2019 14:29
1a. Project Name	AMA Self-measured Blood Pressure FHIR IG
1c. Is Your Project an Investigative Project (aka PSS-Lite)?	No
1d. Is your Project Artifact now proceeding to Normative directly or after being either Informative or STU?	No
2a. Primary/Sponsor WG	Patient Administration
2b. Co-Sponsor WG	Imaging Integration
2c. Co-Sponsor Level of Involvement	Request formal content review prior to ballot
2b. Co-Sponsor WG 2	Payer/Provider Information Exchange
2d. Project Facilitator	Corey Smith? Others
2h. Vocabulary Facilitator	Rob Hausam?
2k. Conformance Facilitator	TBD
3a. Project Scope	<p>Develop a FHIR Implementation Guide to represent Self-measured Blood Pressure Using A Remote Monitoring Device (SMBP). Goals are to:</p> <ul style="list-style-type: none"> Meet clinical criteria and gain widespread adoption in support of AMA IHMI mission Reduce variability in the expression of meaning Ability to compute logical subsumption and equivalence across terminology and information models (experimental) Leverage existing tools, team strengths, and work within internally established AMA timelines <p>This scope focuses on clinician guided remote monitoring programs not consumer initiated monitoring</p>
Attachments	ama_ihmi_hl7_oo_cimi_SMBP_20190815.pptx

3b. Project Need	<p>Why Hypertension? Uncontrolled Blood Pressure About 85 million adults (approximately 1 in 3) in the United States have high blood pressure, a contributing factor to major health conditions including heart attack, heart failure, stroke, and kidney failure. Research also shows that in 45.9% of those with high blood pressure the condition is not controlled—36.7 million people! Costs Beyond Patient Health It is estimated that high blood pressure costs the country \$48.6 billion each year, including health care services, medications, and missed days of work. There are new opportunities to use remote monitoring outside the clinic.</p> <p>Improving Health Outcomes: Target BP Program Helps health care organizations, at no cost, improve BP control rates through an evidence-based quality improvement program and recognizes organizations committed to improving BP control MEASURE blood pressure accurately, every time Enable Patient SelfMeasurement Patients can take an active role in their treatment by monitoring their own BP readings outside of the clinical setting. SMBP can also help providers better diagnose high BP and effectively manage patients. www.targetbp.com</p>
3c. Security Risk	No
3f. Common Names / Keywords / Aliases:	SMBP
3j. Backwards Compatibility	No
3l. Using Current V3 Data Types?	N/A
3m. External Vocabularies	Yes
4a. Products	FHIR Extensions, FHIR Implementation Guide, FHIR Profiles
5a. Project Intent	Create new standard, Implementation Guide (IG) will be created/modified
5a. Is the project adopting/endorsing an externally developed IG?	No
5a. Specify external organization	American Medical Association
5b. Project Ballot Type	STU to Normative
6b. Content Already Developed	60% ? 80%?
6c. Content externally developed?	Yes
6d. List Developers of Externally Developed Content	American Medical Association
6f. Stakeholders	Clinical and Public Health Laboratories, Quality Reporting Agencies, Regulatory Agency, Standards Development Organizations (SDOs), Payors
6g. Vendors	Equipment, Health Care IT
6h. Providers	Healthcare Institutions (hospitals, long term care, home care, mental health)
6i. Realm	Universal
Version	5
Modifier	Lorraine Constable
Modify Date	Sep 16, 2019 14:16

1a. Project Name	AMA Self-measured Blood Pressure FHIR IG
1c. Is Your Project an Investigative Project (aka PSS-Lite)?	No
1d. Is your Project Artifact now proceeding to Normative directly or after being either Informative or STU?	No
2a. Primary/Sponsor WG	Patient Administration
2b. Co-Sponsor WG	Imaging Integration
2c. Co-Sponsor Level of Involvement	Request formal content review prior to ballot
2b. Co-Sponsor WG 2	Payer/Provider Information Exchange
2d. Project Facilitator	Corey Smith? Others
2h. Vocabulary Facilitator	Rob Hausam?
2k. Conformance Facilitator	TBD
3c. Security Risk	No
3f. Common Names / Keywords / Aliases:	SMBP
3j. Backwards Compatibility	No
3l. Using Current V3 Data Types?	N/A
3m. External Vocabularies	Yes
4a. Products	FHIR Extensions, FHIR Implementation Guide, FHIR Profiles
5a. Project Intent	Create new standard, Implementation Guide (IG) will be created/modified
5a. Is the project adopting/endorsing an externally developed IG?	No
5a. Specify external organization	American Medical Association
5b. Project Ballot Type	STU to Normative
6b. Content Already Developed	60% ? 80%?
6c. Content externally developed?	Yes
6d. List Developers of Externally Developed Content	American Medical Association
6f. Stakeholders	Clinical and Public Health Laboratories, Quality Reporting Agencies, Regulatory Agency, Standards Development Organizations (SDOs), Payers
6g. Vendors	Equipment, Health Care IT
6h. Providers	Healthcare Institutions (hospitals, long term care, home care, mental health)

Version	4
Modifier	Lorraine Constable
Modify Date	Sep 16, 2019 14:08
1a. Project Name	AMA Self-measured Blood Pressure FHIR IG
1c. Is Your Project an Investigative Project (aka PSS-Lite)?	No
1d. Is your Project Artifact now proceeding to Normative directly or after being either Informative or STU?	No
2a. Primary/Sponsor WG	Patient Administration
2b. Co-Sponsor WG	Imaging Integration
2c. Co-Sponsor Level of Involvement	Request formal content review prior to ballot
2b. Co-Sponsor WG 2	Payer/Provider Information Exchange
2d. Project Facilitator	Corey Smith? Others
2h. Vocabulary Facilitator	Rob Hausam?
3a. Project Scope	Self-measured Blood Pressure Using A Remote Monitoring Device Helps health care organizations, at no cost, improve BP control rates through an evidence-based quality improvement program and recognizes organizations committed to improving BP control
3b. Project Need	Helps health care organizations, at no cost, improve BP control rates through an evidence-based quality improvement program and recognizes organizations committed to improving BP control MEASURE blood pressure accurately, every time Enable Patient SelfMeasurement Patients can take an active role in their treatment by monitoring their own BP readings outside of the clinical setting.
3c. Security Risk	Yes
3f. Common Names / Keywords / Aliases:	Blood Pressure, Remote Monitoring Device
3j. Backwards Compatibility	No
3l. Using Current V3 Data Types?	Yes
3m. External Vocabularies	No
4a. Products	FHIR Extensions, FHIR Implementation Guide, FHIR Profiles, FHIR Resources
5a. Project Intent	Create new standard
5b. Project Ballot Type	STU to Normative
6f. Stakeholders	Clinical and Public Health Laboratories, Quality Reporting Agencies, Regulatory Agency, Standards Development Organizations (SDOs), Payors
6h. Providers	Clinical and Public Health Laboratories
6i. Realm	Universal

Version	3
Modifier	Patrick E. Loyd
Modify Date	Sep 12, 2019 22:16
1a. Project Name	AMA Self-measured Blood Pressure FHIR IG
1c. Is Your Project an Investigative Project (aka PSS-Lite)?	No
1d. Is your Project Artifact now proceeding to Normative directly or after being either Informative or STU?	No
2a. Primary/Sponsor WG	Patient Administration
2b. Co-Sponsor WG	Imaging Integration
2c. Co-Sponsor Level of Involvement	Request formal content review prior to ballot
2b. Co-Sponsor WG 2	Architecture Review Board
2c. Co-Sponsor Level of Involvement	Request periodic project updates; specify period in text box below (e.g. 'Monthly', 'At WGMs', etc.)
2d. Project Facilitator	Lorraine Constable
3a. Project Scope	Self-measured Blood Pressure Using A Remote Monitoring Device Helps health care organizations, at no cost, improve BP control rates through an evidence-based quality improvement program and recognizes organizations committed to improving BP control
3b. Project Need	Helps health care organizations, at no cost, improve BP control rates through an evidence-based quality improvement program and recognizes organizations committed to improving BP control MEASURE blood pressure accurately, every time Enable Patient SelfMeasurement Patients can take an active role in their treatment by monitoring their own BP readings outside of the clinical setting.
3c. Security Risk	Yes
3f. Common Names / Keywords / Aliases:	Blood Pressure, Remote Monitoring Device
3j. Backwards Compatibility	No
3l. Using Current V3 Data Types?	Yes
3m. External Vocabularies	No
4a. Products	FHIR Extensions, FHIR Implementation Guide, FHIR Profiles, FHIR Resources
5a. Project Intent	Create new standard
5b. Project Ballot Type	STU to Normative
6f. Stakeholders	Clinical and Public Health Laboratories, Quality Reporting Agencies, Regulatory Agency, Standards Development Organizations (SDOs), Payors
6h. Providers	Clinical and Public Health Laboratories
6i. Realm	Universal

Version	2
Modifier	Patrick E. Loyd
Modify Date	Sep 12, 2019 16:51
1a. Project Name	AMA Self-measured Blood Pressure FHIR IG
1c. Is Your Project an Investigative Project (aka PSS-Lite)?	No
1d. Is your Project Artifact now proceeding to Normative directly or after being either Informative or STU?	No
2a. Primary/Sponsor WG	Patient Administration
2d. Project Facilitator	Lorraine Constable
3a. Project Scope	Self-measured Blood Pressure Using A Remote Monitoring Device Helps health care organizations, at no cost, improve BP control rates through an evidence-based quality improvement program and recognizes organizations committed to improving BP control
3b. Project Need	Helps health care organizations, at no cost, improve BP control rates through an evidence-based quality improvement program and recognizes organizations committed to improving BP control MEASURE blood pressure accurately, every time Enable Patient SelfMeasurement Patients can take an active role in their treatment by monitoring their own BP readings outside of the clinical setting.
3c. Security Risk	Yes
3f. Common Names / Keywords / Aliases:	Blood Pressure, Remote Monitoring Device
3j. Backwards Compatibility	No
3l. Using Current V3 Data Types?	Yes
3m. External Vocabularies	No
4a. Products	FHIR Extensions, FHIR Implementation Guide, FHIR Profiles, FHIR Resources
5a. Project Intent	Create new standard
5b. Project Ballot Type	STU to Normative
6f. Stakeholders	Clinical and Public Health Laboratories, Quality Reporting Agencies, Regulatory Agency, Standards Development Organizations (SDOs), Payors
6h. Providers	Clinical and Public Health Laboratories
6i. Realm	Universal

Version	1
Modifier	Patrick E. Loyd
Modify Date	Sep 12, 2019 03:54
1a. Project Name	AMA Self-measured Blood Pressure FHIR IG
1c. Is Your Project an Investigative Project (aka PSS-Lite)?	No
1d. Is your Project Artifact now proceeding to Normative directly or after being either Informative or STU?	No
2a. Primary/Sponsor WG	Patient Administration
2d. Project Facilitator	Lorraine Constable
3a. Project Scope	Self-measured Blood Pressure Using A Remote Monitoring Device Improve patient health outcomes by empowering physicians with the clinically valid health care data needed to make informed decisions
3b. Project Need	Helps health care organizations, at no cost, improve BP control rates through an evidence-based quality improvement program and recognizes organizations committed to improving BP control MEASURE blood pressure accurately, every time Enable Patient SelfMeasurement Patients can take an active role in their treatment by monitoring their own BP readings outside of the clinical setting. SMBP can also help providers better diagnose high BP and effectively manage patients.
3c. Security Risk	Yes
3f. Common Names / Keywords / Aliases:	Blood Pressure, Remote Monitoring Device
3j. Backwards Compatibility	No
3l. Using Current V3 Data Types?	Yes
3m. External Vocabularies	No
4a. Products	FHIR Extensions, FHIR Implementation Guide, FHIR Profiles, FHIR Resources
5a. Project Intent	Create new standard
5b. Project Ballot Type	STU to Normative