641 **SUPPLEMENTARY MATERIALS (Online)**
642
643 **Quality Assessment Tool for Estimates from Economic Review of Team-based**
644 **Care Interventions for Blood Pressure Control**
645
646 **Intervention Cost Estimates**
647
648 *Part 1. Intervention Cost Drivers*
649 Consult the abstracted intervention narratives and intervention Methods sections to determine the
650 components that are likely to be cost drivers. Compare the list of cost drivers to what the study
651 explicitly states are included in intervention cost.
652
653 If you find there is missing cost drivers, enter "1" under the Limitation? column and add any
654 notes as necessary under the Notes column. If your assessment is that the authors have
655 adequately included and addressed the cost driver in the estimate for intervention cost, enter "0"
656 under the Limitation? column.
657

Cost Driver		Limitation?	Notes
Abbreviation	**Description**		
Labor	Physician and added staff wages and benefits		
Training	• Training materials • Training time		
Communications	Tools and communications infrastructure for team collaboration		
Additional intervention	Intervention over and above team-based care (e.g., disease management)		
Fatal Flaw	Describe (e.g., Reported estimate for intervention cost almost certainly excludes all or most of the components known to be delivered based on methods described in the study).		
	TOTAL LIMITATIONS		
	QUALITY GRADE	☐ Good (0-1) ☐ Fair (2) ☐ Limited (≥3)	

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660 *Part 2. Intervention Cost Measurement Shortfalls*
661 If you find there is missing information (i.e., a limitation) for any measurement shortfalls, enter
662 "1" under the Limitation? column and the abbreviation under the Notes column. If your
663 assessment is that the authors have adequately addressed the measurement shortfall, enter "0"
664 under the Limitation? column.
665

Shortfall		Limitation?	Notes
Abbreviation	**Description**		
Sample size	Small intervention sample (<50 at baseline)		
Time horizon	Intervention duration less than 12 months		
Data source	Appropriate data source (e.g., study records of staff time and supplies procured)		
Valuation	Appropriate valuation based on local prices and conditions		
Other	Please name the limitation in the Notes column		
Fatal flaw	Describe (e.g., Inadequate information for reviewers to derive intervention cost where an explicit estimate was not provided)		
	Total limitations		
	QUALITY GRADE	☐ Good (0-2) ☐ Fair (3) ☐ Limited (≥4)	

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668 **Healthcare Cost**
669
670 *Part 1. Healthcare Cost Drivers*
671 Consult the abstracted intervention narratives and intervention methods sections to determine the
672 components that are likely to be cost drivers. Compare the list of cost drivers to what the study
673 explicitly states are included in healthcare cost.
674
675 If you find there is missing information (i.e., a limitation) for any cost drivers, enter "1" under
676 the Limitation? Column and any notes in the Notes column. If your assessment is that the authors
677 have adequately addressed the cost driver, enter "0" under the Limitation? column.
678

Cost Driver		Limitation?	Notes
Abbreviation	**Description**		
Inpatient	Inpatient hospital stays		
Outpatient	• Outpatient visits with primary care provider • Outpatient visits with specialists		
ED	Emergency department visits		
Medication	Drugs and pharmaceuticals		
Fatal Flaw	Describe (e.g., Reported estimate for healthcare cost almost certainly seriously underestimates or overestimates).		
	TOTAL LIMITATIONS		
	QUALITY GRADE	☐ Good (0-1) ☐ Fair (2-3) ☐ Limited (≥4)	

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681   *Part 2. Healthcare Cost Measurement Shortfalls*
682   If you find there is missing information (i.e., a limitation) for the characteristics- reported in
683   study based on information about how the measurements were made, enter "1" under the
684   Limitation? column. If your assessment is that the authors have adequately addressed the
685   limitation enter "0" under the Limitation? column.
686

Shortfall	Limitation?	Notes
Population		
Young (mean age <55 y) or old (mean age > 65 y) population		
Baseline mean clinical indicators close to normal for study population (e.g. SBP/DBP < 140/90 for non-2T2M)		
Sampling and Analysis		
Small sample size (<50 at baseline)		
Selection bias (self-selection, convenience sample, etc.),		
Sensitivity analysis (e.g., no results from sensitivity analysis)		
Appropriate statistical methods (e.g., no adjustment for covariates)		
Intervention Design and Time Follow-Up		
Duration: Short intervention length (≤6 months)		
Not randomized		
No comparison		
Post-only measure		
Intervention effect (e.g., no intervention effect fade-out)		
Significant differences between intervention and comparison groups		
Valuation		
Data source (e.g., patient self-report)		
Healthcare utilization related to cardiovascular disease or cardiovascular risk factors		
Valuation based on local prices and conditions		
Fatal Flaw		
Describe (e.g., Conjecture that is not based on changes observed in trial or study)		
TOTAL LIMITATIONS		
QUALITY GRADE	☐ Good (0-3) ☐ Fair (4-7) ☐ Limited (≥10)	

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688

689 **QALY or Modeled Outcomes**
690
691 *QALY or Other Modeled Outcomes Measurement Shortfalls*
692 If you find there is shortfall (i.e., a limitation) due to the population characteristics and
693 information about how the measurements were made, enter "1" under the Limitation? column. If
694 your assessment is that the authors have adequately addressed the limitation enter "0" under the
695 Limitation? column.
696

Characteristic	Limitation?	Notes
Modeled Population		
Young (mean age <55 y) or old (mean age > 65 y) population		
Baseline mean clinical indicators close to normal for study population (e.g., SBP/DBP < 140/90 for non-T2DM)		
Model Input Values		
Inputs into model drawn from study or trial or systematic review (e.g., baseline characteristics, intervention effects)		
Model parameter values drawn from peer reviewed literature, large trials, or systematic reviews (e.g., probability of disease states and transition probabilities between states)		
Utility or disability weights drawn from literature or study based validated questionnaire for quality adjusted life year and disability adjusted life years		
Costs based on study records and local prices or based on healthcare resource prices from literature		
Model Characteristics		
Duration: Short intervention length (≤10 years)		
Appropriate methods (e.g., difference in difference, Markov model, individual simulation)		
Appropriate comparison (e.g., usual care)		
Appropriate sensitivity analysis (ROC curve, multiple factor simulations)		
Discounting (e.g., future values discounted at 3-5%)		
Appropriate fade-out of intervention effect		
Other		
Please name the limitation(s) in appropriate cell		
Fatal Flaw		
Describe the fatal flaw in the notes column (e.g., conjecture based on outcomes not from trial population or based on pathways that are not founded in evidence)		
TOTAL LIMITATIONS		
QUALITY GRADE	☐ Good (0-3) ☐ Fair (4-9) ☐ Limited (≥10)	

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