Hypertension Control

CHANGE PACKAGE
for Clinicians

A MILLION HEARTS® ACTION GUIDE
Acknowledgments and Contributors

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- Redwood Community Health Coalition
- Washington State Department of Health

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About the Hypertension Control Change Package

The Hypertension Control Change Package for Clinicians (HCCP) presents a listing of process improvements that ambulatory clinical settings can implement as they seek optimal hypertension (HTN) control. It is composed of change concepts, change ideas, evidence- or practice-based tools and resources. Change concepts are general notions that are useful in the development of more specific ideas for changes that lead to improvement. Change ideas are actionable, specific ideas for changing a process. Change ideas can be rapidly tested on a small scale to determine whether they result in improvements in the local environment. With each change idea the HCCP lists evidence- or practice-based tools and resources that can be adapted or adopted in a healthcare setting to improve HTN control.

While the science behind cardiovascular risk reduction is continually evolving, there is strong evidence that a systematic approach to HTN management can significantly improve HTN-related care processes and outcomes. The purpose of the HCCP is to help healthcare practices put systems in place to care for patients with HTN more efficiently and effectively. The HCCP is broken down into three main focus areas (Figure 1):

Figure 1. Hypertension Control Change Package Focus Areas
How to Use the Hypertension Control Change Package

The HCCP is meant to serve as a menu of options from which practices can select specific interventions to improve HTN control. We do not recommend that any practice attempt to implement all of the interventions at once nor is it likely that all interventions will be applicable to your clinical setting.

Start by bringing together a team of physicians, pharmacists, nurses, medical assistants, and administration to discuss the aspects of HTN control that are most in need of improvement. The team can then select corresponding interventions from the HCCP that best address those issues.

In Figure 2 you will find the Institute for Healthcare Improvement’s (IHI’s) Model for Improvement. The model suggests posing three questions:

1. What are we trying to accomplish?
2. How will we know that a change is an improvement?
3. What changes can we make that will result in improvement?

The answers will point you to your quality improvement objectives and related metrics, and you can choose strategies from the HCCP that have been shown to result in improvement.
Read through Tables 1, 2, and 3 for a list of change concepts and ideas that clinicians and practices have successfully implemented to improve HTN control for their patient population, and then take a look at the Hypertension Control Case Studies. Each change concept and idea is paired with tools and resources suggested by experts in the field who have successfully used them. See the Acknowledgements and Contributors section (inside cover) for content contributors.

- **Key Foundations** (Table 1) offers ways to establish practice foundations for effective HTN control efforts and is likely the best place on which to focus initial quality improvement efforts. These include identifying a champion to provide leadership on focused quality improvement efforts and making HTN a practice priority.

- **Population Health Management** (Table 2) presents population management tools and approaches to proactively monitor and manage HTN practice-wide. This includes clinician-driven treatment protocols and using practice data to drive improvement.

- **Individual Patient Supports** (Table 3) lists ways that practices can leverage all care steps to better manage HTN for individual patients. These supports span the patient care spectrum, including pre-visit patient outreach, check-in opportunities, interactions during the visit, checkout, and after-visit reinforcement.

- **Hypertension Control Case Studies** (page 12) illustrate how practices have successfully used systematic approaches and tools to achieve exemplary levels of HTN control.

The tools contained in the HCCP have been used in the field over the past several years to systematize and improve HTN management; consequently, some clinical details in the tools may reflect treatment and management decisions that differ from your practice. But the tools can be adapted by filtering in the evidence, practice-specific patient population characteristics, and patient-specific needs. Because the science behind HTN control is ever-changing, the HCCP will be periodically updated.

Once you have selected a change idea to implement, work through a Plan-Do-Study-Act (PDSA) cycle (http://bit.ly/1H1VEA3) with a small number of patients, that is, a “small test of change” to test the change idea in your clinical setting.

**How to Measure Quality Improvement Efforts**

It is essential to monitor and measure quality improvement efforts—both outcomes and processes. Overall outcomes such as improved HTN control are important to measure, but process measures, such as the percentage of newly diagnosed patients with HTN who are brought back for a follow-up visit within a designated period of time, can provide much-needed feedback on whether or not interventions are being successfully carried out. Begin by reviewing small numbers of patient records or have discussions with clinical staff to identify potential barriers to implementation. These small tests of change should be used to assess the implementation of interventions and make needed refinements before spreading the work to a larger scale.
Additional Resources

You may find it useful to start with the Ambulatory Health IT-enabled Quality Improvement Worksheet (http://bit.ly/1KB3Xny) available from the Health and Human Services (HHS) Office of the National Coordinator for Health Information Technology (ONC). This worksheet, or a similar framework, can help document current information flows throughout the patient's office experience and beyond. You can use the HCCP to find evidence-based enhancements for the areas where you have noticed improvement is needed.

The IHI website has a number of quality improvement tools that support its Model for Improvement (Figure 2) including the Improvement Project Planning Form (http://bit.ly/1IhzWZ7) to help teams think systematically about their improvement project and the PDSA Worksheet for Testing Change (http://bit.ly/1KMP7rq), which walks the user through documenting a test of change. These resources may be helpful for planning, assigning responsibilities, and carrying out small tests of change for improving HTN control.

The Healthcare Information and Management Systems Society (HIMSS) publishes a guidebook series (http://bit.ly/1dOb26O) on improving care delivery and outcomes with clinical decision support (CDS). These guidebooks can help you apply the CDS Five Rights framework to ensure that all the right people (including patients) get the right information in the right formats via the right channels at the right times to optimize health-related decisions and actions. The guidebooks help health care practices and their partners set up programs that reliably deliver outcome-improving CDS interventions. They also provide detailed guidance on successfully developing, launching, and monitoring such interventions so that all stakeholders benefit.

Change Package for Clinicians

<table>
<thead>
<tr>
<th>Change Concepts</th>
<th>Change Ideas</th>
<th>Tools and Resources</th>
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<tbody>
<tr>
<td>Make HTN Control a Practice Priority</td>
<td>Designate an HTN Champion in the practice</td>
<td>• Kaiser Permanente. Cardiovascular Physician Champion Role Description: see Appendix A.</td>
</tr>
<tr>
<td></td>
<td>Ensure care team engagement in HTN control</td>
<td>• Washington State Department of Health. Improving the Screening, Prevention, and Management of Hypertension—An Implementation Tool for Clinic Practice Teams: Expanding Roles for Primary Care Team Members in Working with Patients with HTN (pp. 45–47): <a href="http://bit.ly/ZGoE6e">http://bit.ly/ZGoE6e</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• American Medical Group Foundation. Provider Toolkit to Improve Hypertension Control. All Team Members Trained in Importance of BP Goals and Metrics: <a href="http://bit.ly/1wcRk6">http://bit.ly/1wcRk6</a>*</td>
</tr>
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Table 1. Hypertension Control Change Package—Key Foundations
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<tr>
<th>Change Concepts</th>
<th>Change Ideas</th>
<th>Tools and Resources</th>
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</table>
| Implement a Policy and Process to Address BP for Every Patient with HTN at Every Visit | **Develop HTN control policy and procedures** | • American Medical Group Foundation. Provider Toolkit to Improvement Hypertension Control. BP Addressed for Every Hypertension Patient at Every Primary Care or Cardiology Visit: [http://bit.ly/1zdx7Vh](http://bit.ly/1zdx7Vh)*  
| | **Develop a flowchart for how hypertensive patients will be proactively tracked and managed** | • Health Resources and Services Administration. Implementation: Hypertension Control: Critical Pathway for HTN control (Figure 3.1): [http://1.usa.gov/1sunmf3](http://1.usa.gov/1sunmf3)  
• Institute for Healthcare Improvement. Planned Care Visit Workflow (can be adapted for BP control): [http://bit.ly/1xVTHxf](http://bit.ly/1xVTHxf) |
### Table 1. Hypertension Control Change Package—Key Foundations (continued)

<table>
<thead>
<tr>
<th>Change Concepts</th>
<th>Change Ideas</th>
<th>Tools and Resources</th>
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</thead>
</table>
| **Systematically Use Evidence-Based HTN Guidelines and Treatment Protocols** | Implement HTN guidelines effectively, using the most appropriate information and recommendations | • American College of Cardiology. Perspectives on Hypertension: http://bit.ly/1tOfPvf  
• Centers for Disease Control and Prevention. Elements Associated with Effective Adoption and Use of a Protocol: Insights from Key Stakeholders: http://1.usa.gov/10qGr8R |
|                                         | Deploy HTN protocols and algorithms                                          | • Centers for Disease Control and Prevention. Evidence-based Treatment Protocols for Improving Blood Pressure Control: http://1.usa.gov/10qGDFk  
|                                         | Overcome treatment inertia                                                   | • American Medical Group Association. BP Addressed for Every Hypertension Patient at Every Primary Care or Cardiology Visit: http://bit.ly/1zd7vrj* |
|                                         | Manage resistant HTN effectively                                            | • New York City Health and Hospitals Corporation. Adult Hypertension Clinical Practice Guidelines: http://1.usa.gov/1z1qlxy  
| **Equip Direct Care Staff to Facilitate Patient Self-Management**         | Put a prevention, engagement and self-management program in place†           | • California Healthcare Foundation. Helping Patients Manage Their Chronic Conditions: http://bit.ly/1tOrpGZ  
|                                         | Ensure team is skilled in identifying/promoting patient medication adherence† | • Centers for Disease Control and Prevention. Hypertension Control: Action Steps for Clinicians: Actions to Improve Medication Adherence (Table 2): http://1.usa.gov/1r83cz  
• New York City Department of Health. Medication Adherence Action Kit: Provider Resources: http://on.nyc.gov/1DjUex  
• Centers for Disease Control and Prevention. Medication Adherence Education Module: http://1.usa.gov/1kDzTJ |
|                                         | Establish a program to support home BP monitoring†                           | • Centers for Disease Control and Prevention. Self-Measured Blood Pressure Monitoring: Action Steps for Clinicians: http://1.usa.gov/18kUL7b  
• New York City Department of Health. Patient Self-Monitoring of Blood Pressure: A Provider’s Guide: http://on.nyc.gov/1sUxIDE |


† For patient-facing tools, see Table 3. Use all Care Steps as Appropriate to Support Hypertension Control.
## Table 2. Hypertension Control Change Package—Population Health Management

<table>
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<tr>
<th>Change Concepts</th>
<th>Change Ideas</th>
<th>Tools and Resources</th>
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</thead>
<tbody>
<tr>
<td>Use a Registry to Identify, Track, and Manage Patients with HTN</td>
<td><strong>Implement an HTN registry</strong></td>
<td>• American Medical Group Association. Registry Used to Track Hypertension Patients: <a href="http://bit.ly/1zk9MT1">http://bit.ly/1zk9MT1</a>*</td>
</tr>
<tr>
<td></td>
<td><strong>Identify patients with elevated BP yet without an HTN diagnosis; diagnose HTN as appropriate</strong></td>
<td>• Health Center Network of New York. Undiagnosed Hypertension Registry: <a href="http://bit.ly/1sUmOPG">http://bit.ly/1sUmOPG</a></td>
</tr>
</tbody>
</table>
|                                                      | **Use a defined process for outreach (e.g., via phone, mail, email, text message) to patients with uncontrolled HTN and those otherwise needing follow-up** | • Redwood Community Health Coalition. Hypertension Recall Instructions: see Appendix B.  
• The Office of the National Coordinator for Health Information Technology. Quality Improvement in a Primary Care Practice: [http://bit.ly/1tgDx1O](http://bit.ly/1tgDx1O)  
| Use Clinician-Managed Protocols for Medication Adjustments and Lifestyle Recommendations | **Use protocols to cover proactive outreach driven by registry use and respond to patient-submitted home BP readings** | • Minnesota Board of Nursing. FAQ: Use of Condition-Specific Protocols: [http://bit.ly/1wFw8YD](http://bit.ly/1wFw8YD)  
• Agency for Healthcare Research and Quality. Blood Pressure Titration Protocol for Diabetes Planned Visit: [http://1.usa.gov/1rABLmk](http://1.usa.gov/1rABLmk)  
• Cleveland Clinic. Physician Quality Report Card: [http://bit.ly/1xERHgD](http://bit.ly/1xERHgD)* |

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<tr>
<th>Change Concepts</th>
<th>Change Ideas</th>
<th>Tools and Resources</th>
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<tr>
<td><strong>Support Patients in HTN Self-Management During Their Routine Daily Activities (e.g., not related to any specific visit)</strong></td>
<td>Use an online patient portal or other approaches so that patients can access tools, information and practice staff outside face-to-face encounters to address home BP readings and other needs.</td>
<td>• The Office of the National Coordinator for Health Information Technology &amp; National Learning Consortium: What is a Patient Portal? <a href="http://bit.ly/1zfFK0s">http://bit.ly/1zfFK0s</a></td>
</tr>
<tr>
<td></td>
<td>Ensure that the self-management support provided to patients is helpful in their daily routine (e.g., when making food and lifestyle choices).</td>
<td>• Washington State Department of Health. Improving the Screening, Prevention, and Management of Hypertension—An Implementation Tool for Clinic Practice Teams: Key Messages for Health Coaches Working with Patients at Visits and in Follow-up Calls (pp. 48-62): <a href="http://bit.ly/ZGoe6e">http://bit.ly/ZGoe6e</a></td>
</tr>
<tr>
<td></td>
<td>Contact patients to confirm upcoming appointments; instruct them to bring medications, medication list, and home BP readings; tell them to take medications as instructed on day of visit; if possible, instruct them on submitting home BP readings periodically via apps/portal.</td>
<td>• See Table 1, Key Foundations (p. 4-6), for other self-management support tools</td>
</tr>
<tr>
<td><strong>Prepare Patients and Care Team Beforehand for Effective HTN Management During Office Visits (e.g., via pre-visit patient outreach and team huddles)</strong></td>
<td>Contact patients to confirm upcoming appointments; instruct them to bring medications, medication list, and home BP readings; tell them to take medications as instructed on day of visit; if possible, instruct them on submitting home BP readings periodically via apps/portal.</td>
<td>• Washington State Department of Health. Improving the Screening, Prevention, and Management of Hypertension—An Implementation Tool for Clinic Practice Teams: Key Message #1: Building Trust is Critical (p. 49): <a href="http://bit.ly/ZGoe6e">http://bit.ly/ZGoe6e</a></td>
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<td></td>
<td>Use a flowchart or dashboard with care gaps highlighted to support team huddles.</td>
<td>• See Table 2, Population Health Management (p. 7), for tools on using registries</td>
</tr>
<tr>
<td></td>
<td>Design workflows and use tools to ensure that indicated orders/actions occur during the visit.</td>
<td>• New York City Department of Health. Hypertension/Dyslipidemia Flow Sheet: <a href="http://on.nyc.gov/1thSeBy">http://on.nyc.gov/1thSeBy</a></td>
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### Table 3. Hypertension Control Change Package—Individual Patient Supports (continued)

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<th>Change Concepts</th>
<th>Change Ideas</th>
<th>Tools and Resources</th>
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| **Provide patients with educational materials to help them understand HTN and its implications** | • Washington State Department of Health. Know Your Numbers 11x17 poster: [http://1.usa.gov/1xErV7J](http://1.usa.gov/1xErV7J)  
• Washington State Department of Health. What’s the Big Deal about Controlling My Blood Pressure? 11x17 poster: [http://1.usa.gov/1rAS4iV](http://1.usa.gov/1rAS4iV)  
• Centers for Disease Control and Prevention. High Blood Pressure Fact Sheet: [http://1.usa.gov/1zKKEbL](http://1.usa.gov/1zKKEbL) | |
| **Measure, document and repeat BP correctly as indicated; flag abnormal readings** | • The Office of the National Coordinator for Health Information and Technology. How to Implement EHRs: Clinical Decision Supports (CDS): [http://bit.ly/1q4puqE](http://bit.ly/1q4puqE)  
• See Table 1, Key Foundations (p. 5), for correct BP measurement technique | |
| **Reconcile medications patient is actually taking with the record’s medication list** | • Institute for Healthcare Improvement. Medication Reconciliation Form: [http://bit.ly/1wgWtOA](http://bit.ly/1wgWtOA)  
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<th>Change Concepts</th>
<th>Change Ideas</th>
<th>Tools and Resources</th>
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| Use documentation templates to help capture key data such as patient treatment goals, barriers to adherence, etc. | • The Office of the National Coordinator for Health Information and Technology. How to Implement EHRs: Clinical Decision Supports (CDS): [http://bit.ly/1q4puqE](http://bit.ly/1q4puqE)  
| Use order sets (e.g., with prompts for med titration; increase compliance via prescribing from patient insurance formulary, using once daily/fixed dose combinations when possible) and standing orders to support evidence based and individualized care | • Institute for Healthcare Improvement. Standing Orders Diabetes Mellitus—Type II (can be adapted for BP control): [http://bit.ly/1DCM0NL](http://bit.ly/1DCM0NL)  
• American Medical Group Association. All Patients Not at Goal or with New Hypertension Rx Seen within 30 Days: [http://bit.ly/13m2izw](http://bit.ly/13m2izw)*  
| Assess individual risk and counsel using motivational interviewing techniques; agree on a shared action plan | • American College of Cardiology/American Heart Association. ASCVD Risk Estimator: [http://bit.ly/1gAltrh](http://bit.ly/1gAltrh)  
| Support BP self-monitoring: advise on choosing device/cuff size, check device for accuracy, train patient on use, provide BP logs (electronic/paper/portal) | • Washington State Department of Health. How to Check Your Blood Pressure 8.5x5.5 booklet (English & Spanish): [http://1.usa.gov/1nTAImf](http://1.usa.gov/1nTAImf)  
• National Heart, Lung, and Blood Institute/Million Hearts®. My Blood Pressure Wallet Card: [http://1.usa.gov/1nRa74y](http://1.usa.gov/1nRa74y)  
| On the patient portal, provide educational materials to support a low-sodium diet and exercise and links to community resources or support groups | • Centers for Disease Control and Prevention/Million Hearts®. Healthy Eating and Lifestyle Resource Center: [http://1.usa.gov/RnJh9V](http://1.usa.gov/RnJh9V)  
• Centers for Disease Control and Prevention. Reducing Sodium in the Diet to Help Control Your Blood Pressure: [http://1.usa.gov/1dL2N5W](http://1.usa.gov/1dL2N5W)  
• National Heart, Lung, and Blood Institute. Your Guide to Lowering Blood Pressure: [http://1.usa.gov/1p7phabetF](http://1.usa.gov/1p7phabetF)  
• New York City Department of Health. Eat and Drink to Lower Blood Pressure: [http://on.nyc.gov/1xF52Lw](http://on.nyc.gov/1xF52Lw)  
• New York City Department of Health. Learn to Read Food Labels: [http://on.nyc.gov/1tGlyl2](http://on.nyc.gov/1tGlyl2) | |
<table>
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<tr>
<th>Change Concepts</th>
<th>Change Ideas</th>
<th>Tools and Resources</th>
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<tbody>
<tr>
<td>Support medication adherence by providing</td>
<td>• New York City Department of Health. Medication Adherence Action Kit:</td>
<td>• New York City Department of Health. Medication Adherence Action Kit:</td>
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<tr>
<td>clear written and verbal instructions and</td>
<td><a href="http://on.nyc.gov/1D2jUex">http://on.nyc.gov/1D2jUex</a></td>
<td><a href="http://on.nyc.gov/1D2jUex">http://on.nyc.gov/1D2jUex</a></td>
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<td>encouraging patients to use medication</td>
<td>• ScriptYourFuture. Online Tool for Patients to Support Medication Adherence (medication list</td>
<td>• ScriptYourFuture. Online Tool for Patients to Support Medication Adherence (</td>
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<td>reminders</td>
<td>wallet cards in English and Spanish can be ordered in bulk for free here): <a href="http://bit.ly/1zjQ8qi">http://bit.ly/1zjQ8qi</a></td>
<td>medication list wallet cards in English and Spanish can be ordered in bulk for</td>
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<td><a href="http://1.usa.gov/1wJzBlj">http://1.usa.gov/1wJzBlj</a></td>
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<tr>
<td>Use Each Patient Visit Phase to</td>
<td>Provide patients with a written self-management plan, visit summary, and follow-up guidance at</td>
<td>• Mercy Clinics, Inc. 5As Encounter Form: <a href="http://bit.ly/104FwKG">http://bit.ly/104FwKG</a>*</td>
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<tr>
<td>Optimize HTN Management: Encounter Closing</td>
<td>the end of each visit</td>
<td>• The Office of the National Coordinator for Health Information and Technology.</td>
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<td>(e.g., checkout)</td>
<td></td>
<td>Providing Patients in Ambulatory Care Settings with a Clinical Summary of the</td>
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<td></td>
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<td>Office Visit: <a href="http://bit.ly/1rDPoG">http://bit.ly/1rDPoG</a></td>
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<td></td>
<td>• Sharp Rees-Stealy Medical Group. Patient Participation Handouts-English &amp;</td>
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<td></td>
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<td>Spanish: <a href="http://bit.ly/1zjTM17">http://bit.ly/1zjTM17</a>*</td>
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<tr>
<td>Follow up to Monitor and Reinforce HTN</td>
<td>Assign staff responsibility for managing refill requests by refill protocol</td>
<td>• Trinity Clinic Whitehouse. Automatic Refill Policy Example: <a href="http://bit.ly/1wJDviv">http://bit.ly/1wJDviv</a></td>
</tr>
<tr>
<td>Management Plans (i.e., after visits)</td>
<td></td>
<td>• University of Texas Medical Branch. Adult Primary Care Prescription Refill</td>
</tr>
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<td></td>
<td>Implement frequent follow-ups (e.g., e-mail, phone calls, text messages) with patients to make</td>
<td>Guidelines for Ambulatory Services: <a href="http://bit.ly/1H2hBOW">http://bit.ly/1H2hBOW</a></td>
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<tr>
<td></td>
<td>they are continuing their medication</td>
<td>• Minnesota Board of Nursing. FAQ: Use of Condition-Specific Protocols:</td>
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<td><a href="http://bit.ly/1wFw8YD">http://bit.ly/1wFw8YD</a></td>
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<tr>
<td></td>
<td>Set up an automated telephone system for patient monitoring and counseling</td>
<td>No tools in the HCCP at this time.</td>
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<td></td>
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<td>No tools in the HCCP at this time.</td>
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*Source: American Medical Group Foundation’s Measure Up/Pressure Down® 2013 Provider Toolkit: www.measureup pressuredown.com/HCPProf/Find/ProvToolkit_find.asp.
Hypertension Control Case Studies

Below are case studies illustrating how practices have used systematic approaches, together with specific tools to enhance information flow and workflow, to achieve significant improvements in HTN control. For approaches and tools to replicate these successes, see Tables 1, 2, and 3 in this change package.

**Ellsworth Medical Clinic** (small practice in Wisconsin)

**CHC, Inc.** (community health center in Utah)

**Kaiser Permanente, Southern California Region** (large integrated health network)
- Description of proactive office encounter program: [http://1.usa.gov/1DhXSWu](http://1.usa.gov/1DhXSWu)
- Source: Agency for Healthcare Research and Quality (AHRQ) Health Care Innovations Exchange: [http://1.usa.gov/1v6cBol](http://1.usa.gov/1v6cBol)

**Group Health Cooperative** (large integrated health network)
- Description of web-facilitated home monitoring and ongoing pharmacist support: [http://1.usa.gov/1zfXFU2](http://1.usa.gov/1zfXFU2)
- Source: AHRQ Health Care Innovations Exchange: [http://1.usa.gov/1v6cBol](http://1.usa.gov/1v6cBol)

**Denver Health and Hospitals, Veterans Affairs Eastern Colorado Healthcare System, and Kaiser Permanente Colorado**
- Description of weekly home monitoring and pharmacist feedback: [http://1.usa.gov/1wBO3gM](http://1.usa.gov/1wBO3gM)
- Source: AHRQ Health Care Innovations Exchange: [http://1.usa.gov/1v6cBol](http://1.usa.gov/1v6cBol)

**Department of Veterans Affairs**
- Description of approach and tools: Synopsis of Large Multi-year, Multi-city BP Improvement Trial: [http://1.usa.gov/1yzk0Hm](http://1.usa.gov/1yzk0Hm)
- Source: CDC Science-in-Brief: [http://1.usa.gov/1z4hnlT](http://1.usa.gov/1z4hnlT)

**Million Hearts® Hypertension Control Champions**
- Description: Million Hearts® Hypertension Control Challenge, with list of winners and links to overviews of their BP control approaches: [http://1.usa.gov/Y9FaS4](http://1.usa.gov/Y9FaS4)
- Source: Million Hearts® website: [http://1.usa.gov/18vP8CJ](http://1.usa.gov/18vP8CJ)

**References**


Appendix A: Kaiser Permanente Cardiovascular Physician Champion Role Description

Cardiovascular Physician Champion Role Description
Kaiser Permanente Northern California

Role Summary:
The Cardiovascular Physician Champion will serve as a liaison between and collaborate with peer physicians and the Department and Subspecialty Chiefs, Clinic Manager and Ancillary Staff in order to implement an organized Cardiovascular Risk Reduction Program. The key operational goals of the Cardiovascular Risk Reduction Program are to improve utilization of the hypertension medication treatment algorithm for patients with hypertension as well as statins, RAS blockers and aspirin when indicated for secondary prevention. The Cardiovascular Physician Champion will also support and encourage clinic efforts and initiative to promote healthy diet and lifestyle change for the group’s membership as a whole and especially for high risk patients.

The Cardiovascular Physician Champion may also serve as a physician mentor to licensed ancillary staff involved in Cardiovascular Risk Reduction Care under protocol. The general responsibilities of the physician mentor are to provide physician direction, supervision and support case consultation on individual patients as needed.

Desired Skills:
1. Knowledgeable and enthusiastic about hypertension treatment and secondary cardiovascular risk reduction, with appropriate clinical expertise and experience.
2. Good communication skills, able to work well with others, and credible with other physicians.
3. Willing/able to invest time in necessary activities including developing local program, conducting educational presentations to local physicians and staff, and promoting cardiovascular risk reduction concepts.

Functions and Duties as Physician Champion:
1. Collaborate with the Department Chiefs and Clinic Manager to promote, advocate and implement hypertension and cardiovascular risk reduction clinical practice guidelines and tools.
2. Provide physician input and leadership for implementation, monitoring, and evaluation. Work collaboratively with the stakeholders named above to leverage and optimally utilize local infrastructure:
   • may chair or co-chair advisory group
   • develop local approach to support adherence to hypertension medication treatment algorithm for patients with hypertension as well as statins, RAS blockers and aspirin when indicated for secondary prevention.

   • develop process for review and use of monitoring reports and tools
   • collaborate with Pharmacy and local Pharmacy & Therapeutics committee.
   • develop local evaluation and quality improvement processes utilizing monitoring reports and feedback tools.

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Appendix B: Redwood Community Health Coalition

Hypertension Recall Instructions

The following pages are screenshot by screenshot instructions for recalling patients with hypertension using eClinicalworks. There are two protocols provided:

- Inform patients by mail
- Inform patients by email or automated phone call

**Patient criteria for recall:**
- 18 years of age or older
- Diagnosis of hypertension on problem list
- Active patients
- Not deceased
- Have had at least one office visit in the past 2 years
- Has not had an office visit in the past 6 months
- Does not have a scheduled visit in the next month

**FAQ:**

How frequently should patients be recalled?

In order to have patients come in a timely manner we recommend running the recall monthly.

What if too many patients appear on the list, can it be broken up?

Yes, the list can be sorted by care team, provider or even by count of patients. For assistance with this please contact the RCH EHR Optimization Team.

Can the recall be sorted by care team or provider?

Yes, instructions for this are included with the screenshots that follow.
Acronyms

AHRQ   Agency for Healthcare Research and Quality
BP     Blood pressure
CDC    Centers for Disease Control and Prevention
CDS    Clinical Decision Support
EHR    Electronic Health Record
HCCP   Hypertension Control Change Package
HHS    Health and Human Services
HIMSS  Healthcare Information and Management Systems Society
HTN    Hypertension
IHI    Institute for Healthcare Improvement
ONC    Office of the National Coordinator for Health Information Technology
PCMH   Patient centered medical home
VA     Department of Veterans Affairs
Million Hearts® is a U.S. Department of Health and Human Services initiative that is co-led by the Centers for Disease Control and Prevention and the Centers for Medicare & Medicaid Services, with the goal of preventing one million heart attacks and strokes by 2017.