MSD Prevention Guideline for Ontario

Beta Release Update Webinar, October 31st 2018

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BACK, SHOULDERS, NECK, HANDS.

Happy and Healthy at Work



Store it off the floor

- Store heavy objects between knee and shoulder level. Waist level is best.
- Store items off the floor to minimize bending. Use tables, benches or stands to get work off the floor.
- Use carts or equipment to move heavy items.



Keep it close

- Perform tasks close to your body.
- Avoid leaning and stretching. forward to reduce stress on your lower back.
- Avoid side reaches that twist the spine.
- Your smart workstation: keep common tasks dose: less common tasks out of the way.



Hands below head

- Use a stool, platform, ladder or hoist so work is below head/shoulder height.
- Choose lighter tools and materials for overhead work.
- Use a bit extender for drills/screw guns.
- Find other tools/assists to limit overhead work.



Look straight ahead

- Position your work and gaze straight ahead.
- Pasition your work below eye level to align your vision with the task.
- Arrange your workspace so common items are centred to your body.
- Remember to give your neck a break.



Get a (good) grip

- High force work: power grip (full hand). Low force, precision work: pinch grip.
- Choose a tool and grip that puts your wrist in a strong, natural posture.
- Choosing tools: good shape for the task, fits your hand, edges
- Power tools with low vibration and no "kickback" are best.



Change it up

- Include "micro breaks" in your tasks for body recovery and fatigue prevention.
- Fatigue can occur during long duration efforts and repetitive tasks.
- Rotate different tasks to provide "working rests".
- Tasks that have MSD hazards a high priority for change.

Identify and control workplace hazards. Work shouldn't hurt!









For more info visit: cre-msd.uwaterloo.ca







Context

- The Ontario MSD Prevention
 Guideline and Toolboxes developed
 by the Ontario Health and Safety
 system were originally developed
 under the auspices of the
 Occupational Safety and Health
 Council of Ontario (OSHCO) in 2005 6 and published in 2007/8.
- It was overdue for review
- Building on this previous work, CRE-MSD is leading a project to develop a new Ontario MSD Prevention Guideline in conjunction with Ergonomics Integrated Planning Advisory Committee (EIPAC) and multiple workplace stakeholders







The overall goals of this project are to:

- 1. Evaluate the current Guideline, determine workplaces' needs for prevention and synthesize best practices with respect to MSD prevention;
- 2. Develop the new prevention guide content and selected draft materials;
- 3. Test the content of the new guide and materials with workplaces;
- 4. Prepare content for guideline and sample material;
- 5. Website Development Phase 1: Templates, navigation;
- 6. Website Development Phase 2: Development of graphic resources, population of the website with content developed and user testing.
- 7. Continue to develop the website







How we got and are getting input

- 1. Environmental scan
- 2. Multiple meetings with multiple stakeholders,
- CRE-MSD web survey focussed on small and micro businesses¹
- 4. Interviews with small and micro businesses during SSOP
- 5. Interviews with key stakeholders
- 6. Feedback from a CRE-MSD workshop in June 2017
- 7. Reviews and original research:

"Participative Ergonomics and OHSMS"; "Barriers to Ergonomics Change", "Low Back MSD Risk Factors"; "Micro and Small Businesses and MSD"; "Test of Messages for Low Back Pain in Small Businesses"

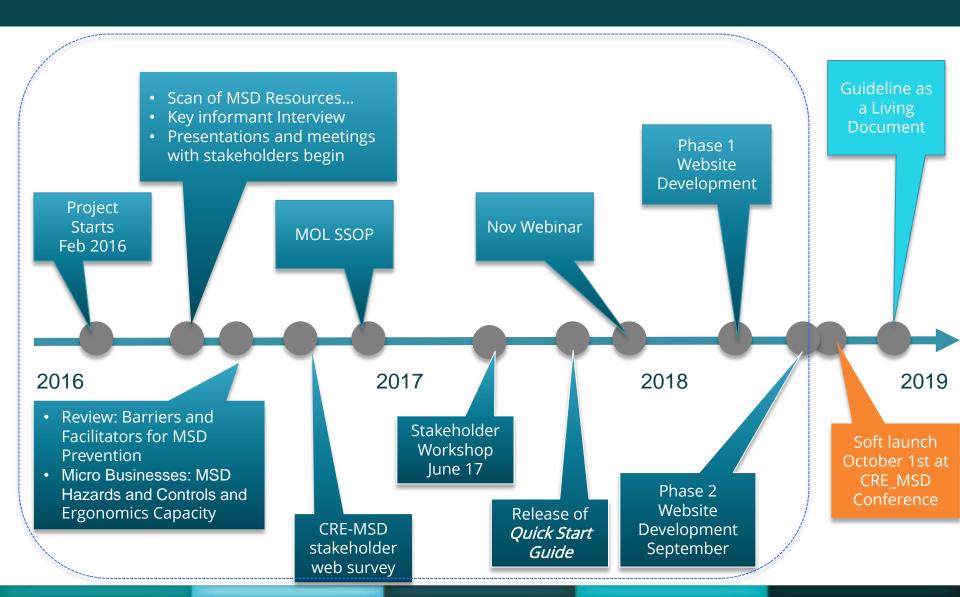
¹We also incorporated the findings of the web survey administered by the Health and Safety System (EIPAC) on the needs of business to make ergonomics changes.







Timeline of Activities









User input: Main findings and user needs

- 1. Small businesses are a major underserviced community.
- 2. There is a need for separate approaches for small/ micro, smaller and larger businesses.
- 3. MSD prevention should be better integrated into business processes using common language and processes.
- 4. Participation of workers is very important for OH&S, especially for MSD.
- 5. Current standards (CSA, ISO) are too complex. This makes them in-accessible to most organizations.
- 6. Be solutions oriented. Also don't assume familiarity with OH&S concepts and language

Needs 1 and 2:

To provide relevant information and resources to workplaces with different sizes and H&S capacity:

Three versions of the Guideline were created.

Quick Start Guide

Basic Guideline

Comprehensive Guideline







Basic



Comprehensive



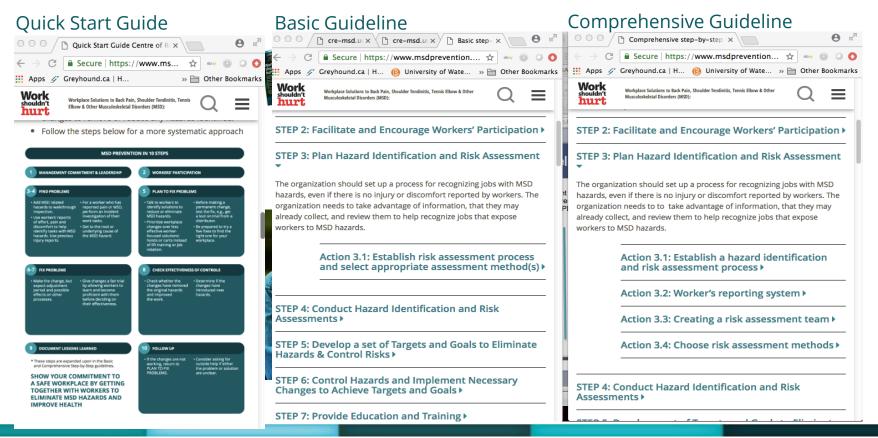






Needs 1 and 2: Three Guideline Versions

To provide relevant information and resources to workplaces of different sizes and OH&S capacity, three versions of the Guideline were created... scalability.





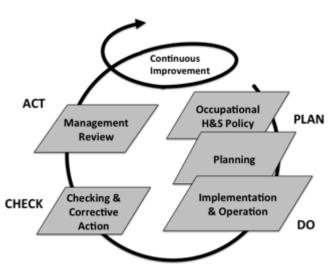




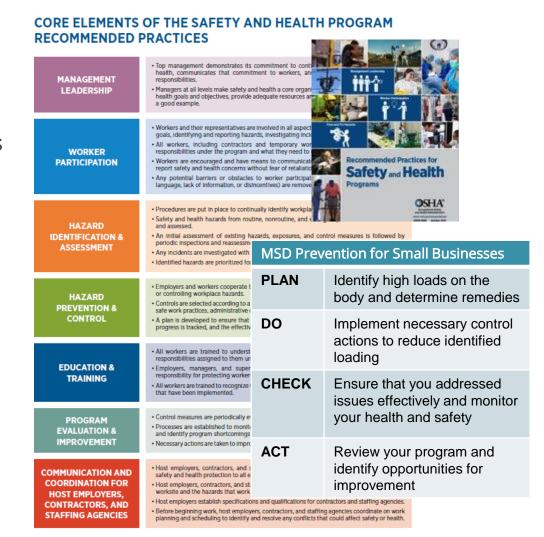
Need 3: Better integration into business processes

Plan/Do/Check/Act

- Matches current [best] practice
- Matches recent Provincial national and international approaches and CSA Standards
- Consistent with Participatory Ergonomics



CSA Z1000 | CSA Z1004 | OHSAS 18001 | ISO 45001:2016







Need 3: Guideline based upon 10 Step PDCA



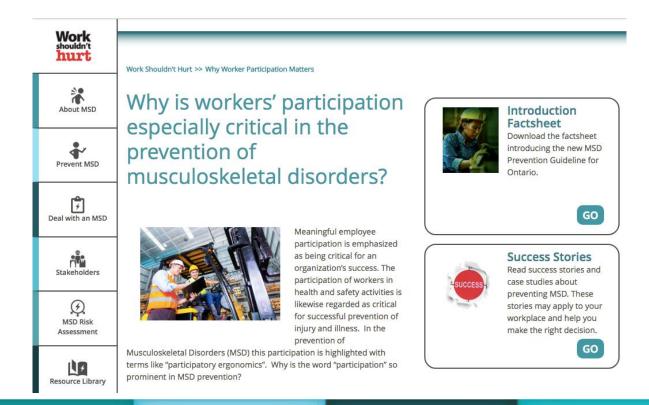






Need 4: Importance of Workers' Participation

Importance of workers' participation for MSD prevention stressed throughout the Guideline with specific forms of participation described.



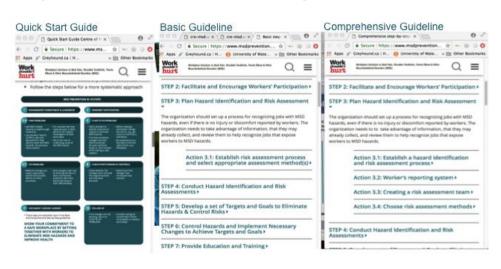






Need 5: Standards "too complex"

- Implementation oriented resources added to those of the current Guideline and linked to process steps
- Creation of three guideline versions allows user to select desired level of detail BUT
- Processes are scalable to allow for the level of maturity in prevention practices of an organization
- Language and process of all versions comparable and compatible with current Standards and practices







Need 6. Don't assume familiarity with OH&S and Ergonomics concepts and language

The Quick Start Guide







Web Site Phase 1

To satisfy users' needs we designed the website to give:

- Multiple ways for users to find relevant resources and information
 - Multiple entry points: By stakeholder; By level of detail; By process or risk assessment
 - Video on home page
 - Searchable resources
 - Help in selection of MSD assessment tools
- 2. Incorporation of current Guideline resources
- 3. Video/graphics of hazards
- 4. AODA¹ and WCAG 2.0² compliant
- 5. Responsive

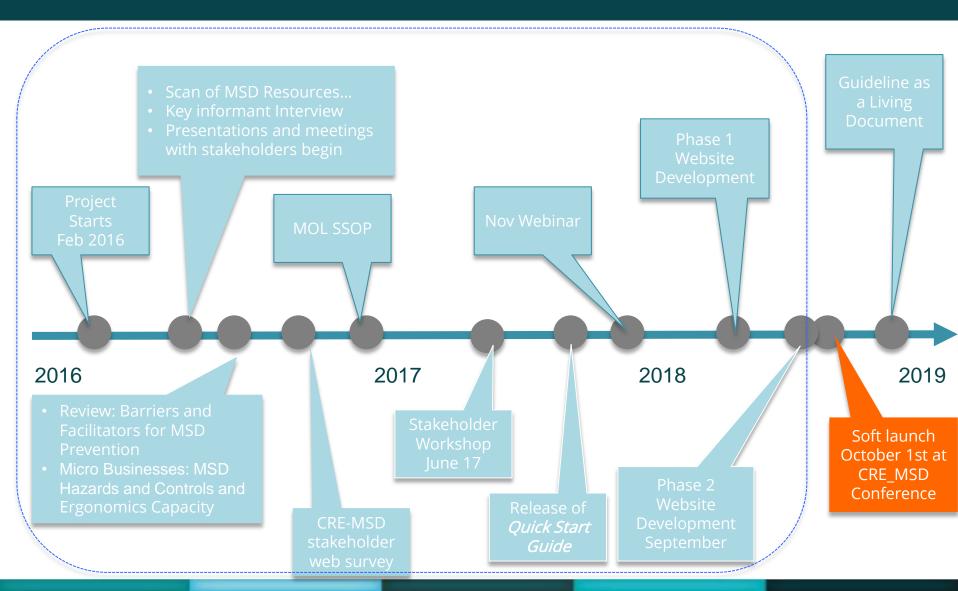
¹ Accessibility for Ontarians with Disabilities Act (AODA) and ²Web Content Accessibility Guidelines (WCAG) 2.0 *Italics: Phase 2*







Timeline of Activities









msdprevention.com



What's New?

Welcome to the BETA site for the new MSD Prevention Guideline. We are working hard to develop it further. Look out for videos of MSD Hazards, sections on MSD Controls and for case studies.

GO





BACK. SHOULDERS. NECK. HANDS.

The new MSD Prevention Guideline for Ontario provides workplace solutions to prevent musculoskeletal disorders (MSD).

Help with preventing musculoskeletal disorders at your workplace, because work shouldn't hurt.

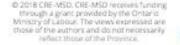
PREVENTING PAINFUL, COSTLY DISORDERS MAKES BUSINESS SENSE. THE NEW GUIDELINE INCLUDES:

- An introductory video
- Newly developed hazard identification and control approaches
- Animated graphics
- Downloadable templates and documents to help organizations prevent MSD

NO MATTER THE SIZE OF THE ORGANIZATION, THE GUIDELINE CAN HELP PREVENT MSD:

- Quick Start Guide for small and micro businesses
- Basic Guideline for medium-sized organizations
- Comprehensive Guideline for larger organizations

NO MATTER THE SIZE OF THE ORGANIZATION, THE GUIDELINE CAN HELP PREVENT THESE DISORDERS







No matter what you call them—
pains and strains, low back pain, sore
shoulders, carpal tunnel syndrome,
musculoskeletal disorders or MSD—
all the tools and resources you need
to prevent them... in one place:

www.msdprevention.com





MSD Quick Start Guide

A simple and useful guide for busy people in small businesses.

Roadmap to Success

Overview of the Ontario MSD Prevention Guideline for larger organizations.

Animations & Videos

Introducing MSD, website feature highlights, demonstrations, and more...

MSD Resource Filters

Search for Prevention Resources based on your needs.

Centralized MSD Risk Assessment Resources

Not sure what method to use? The Tool Picker will help you find a method best suited to your work.

Employer? Worker? IHSC member?

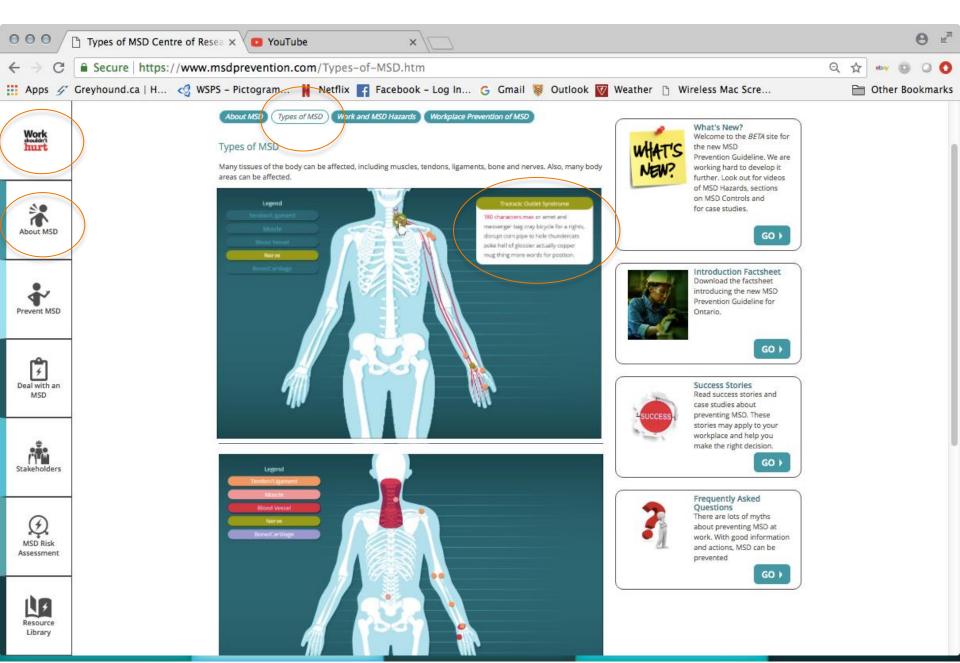
The Stakeholder tab gives quick access to information of use to vou!

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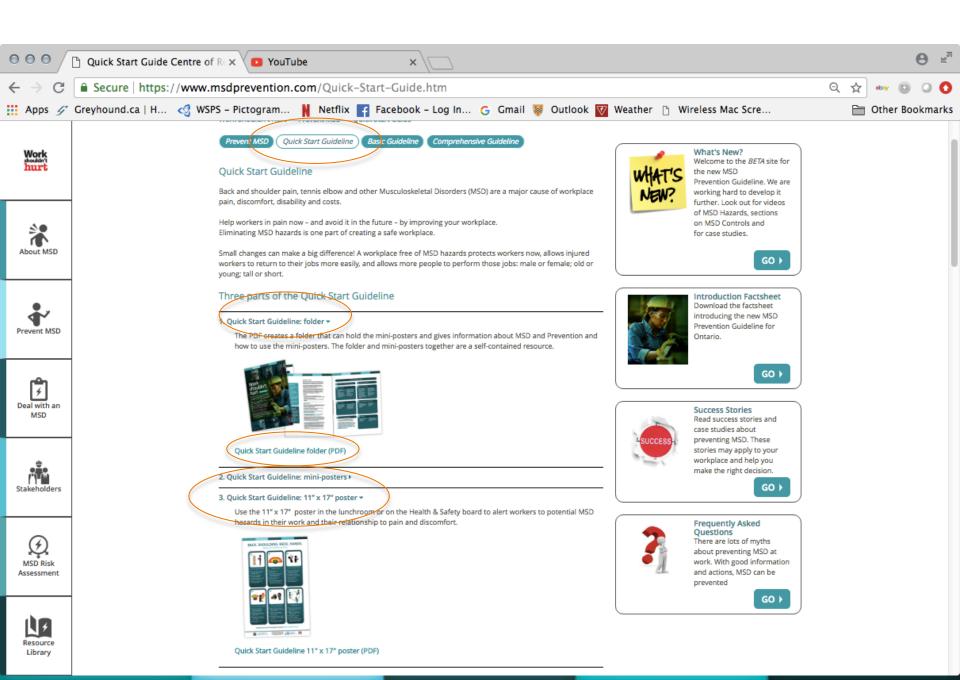






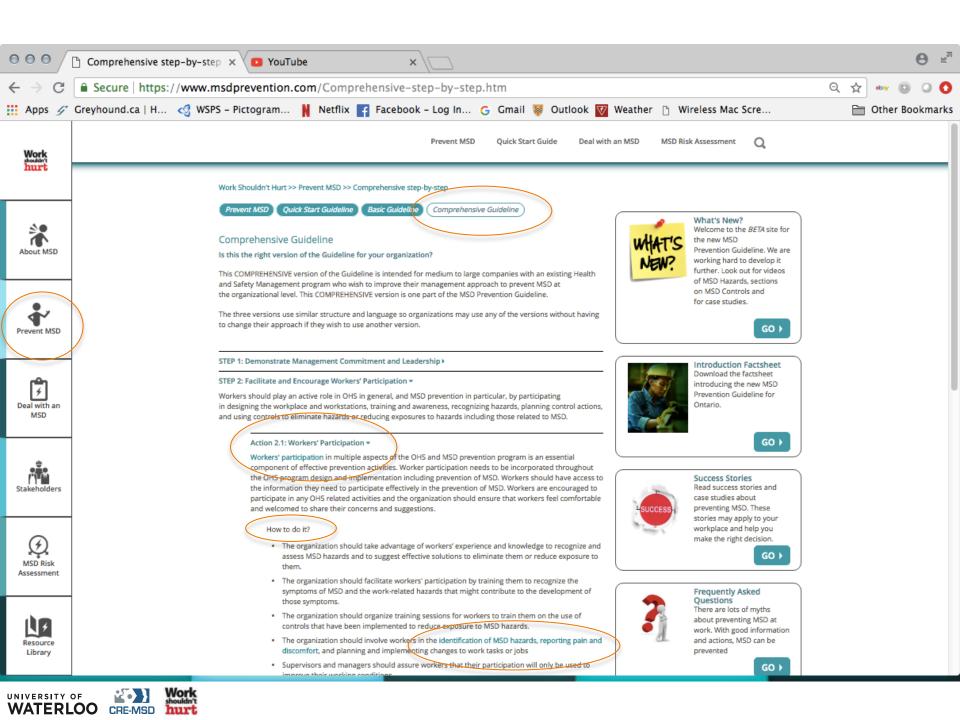


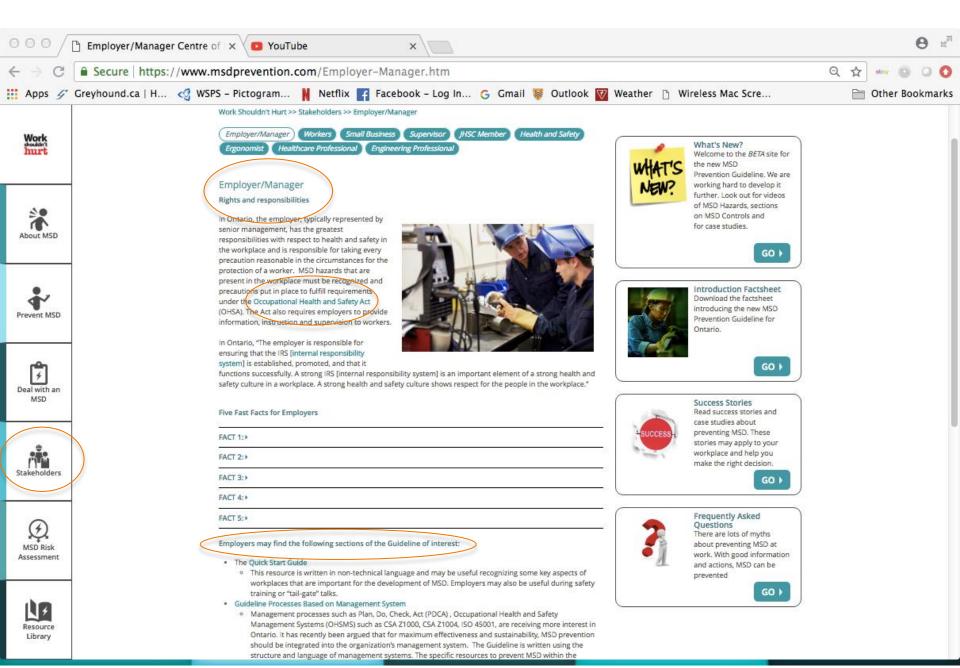








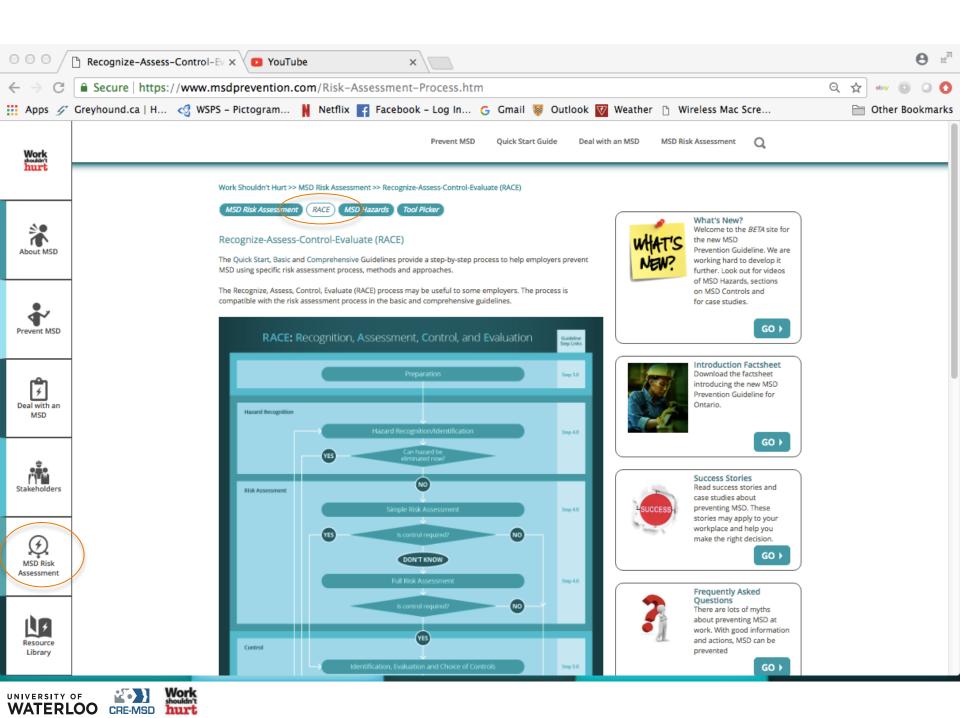


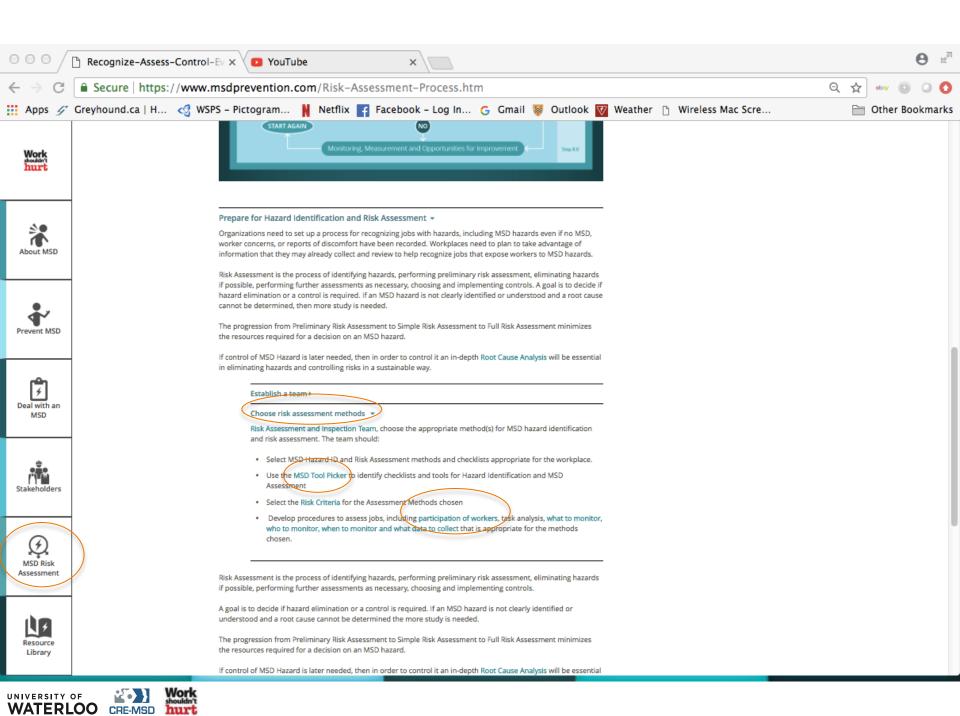


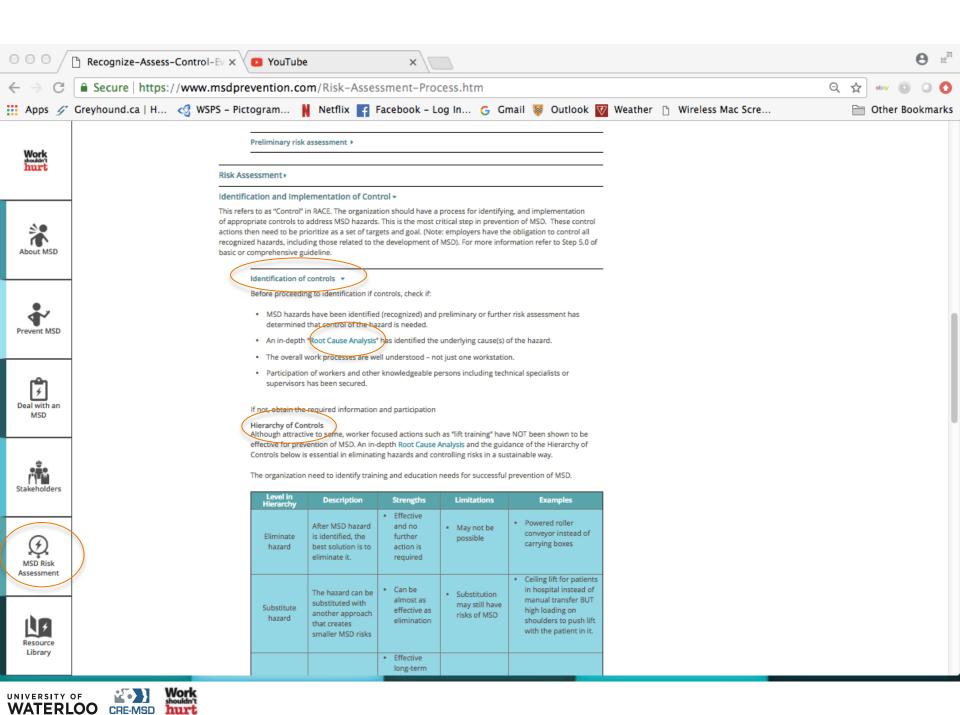




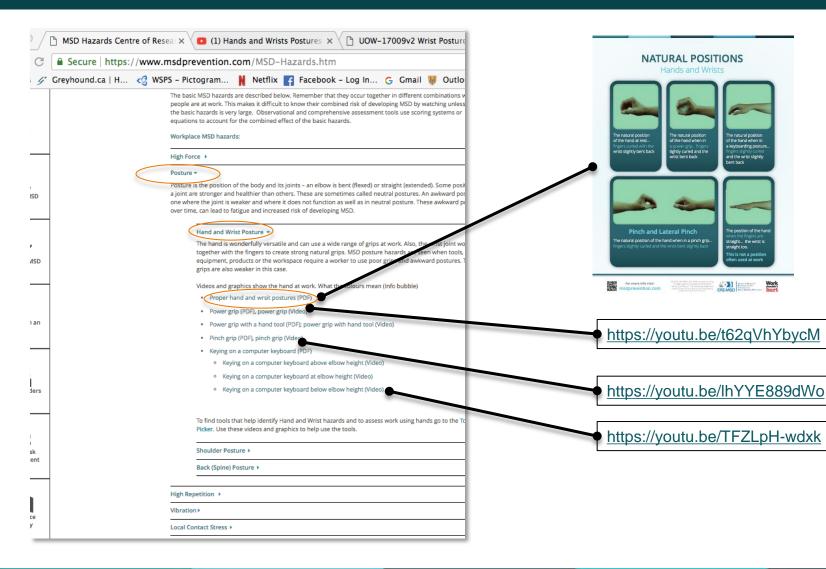








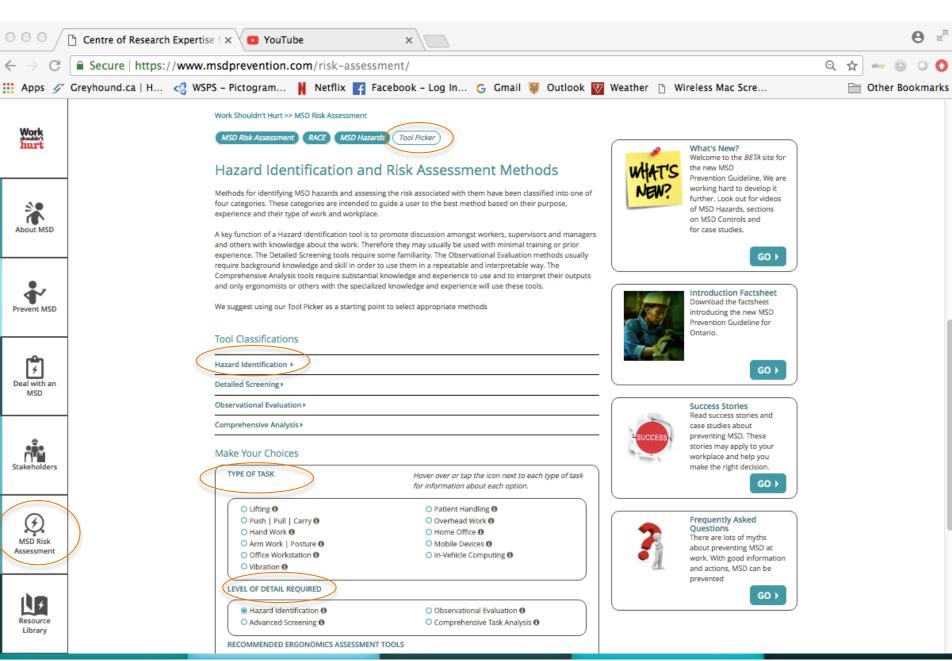
Video/ pdf of MSD Hazards







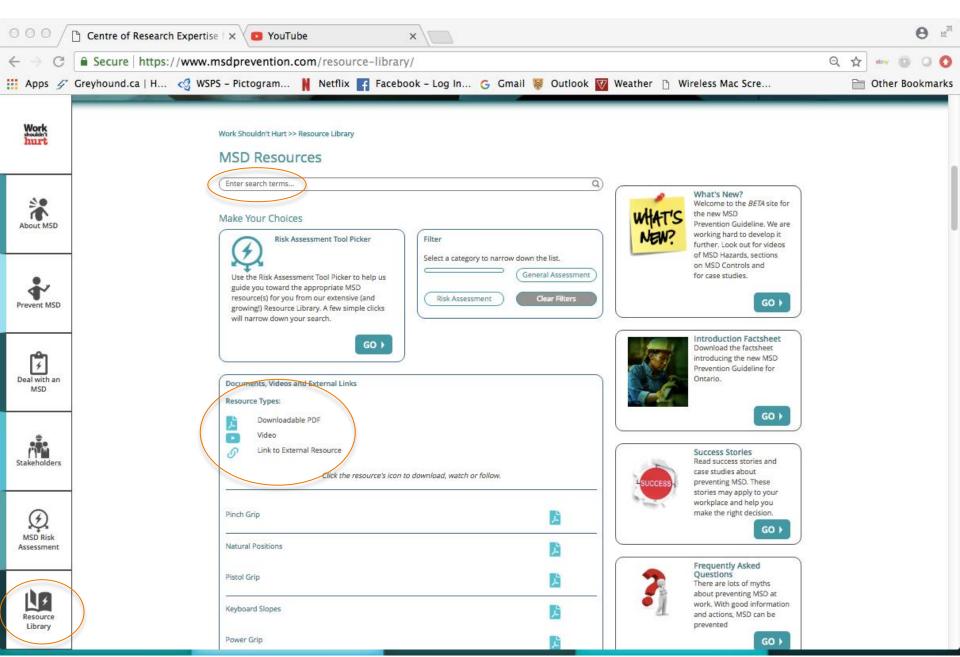








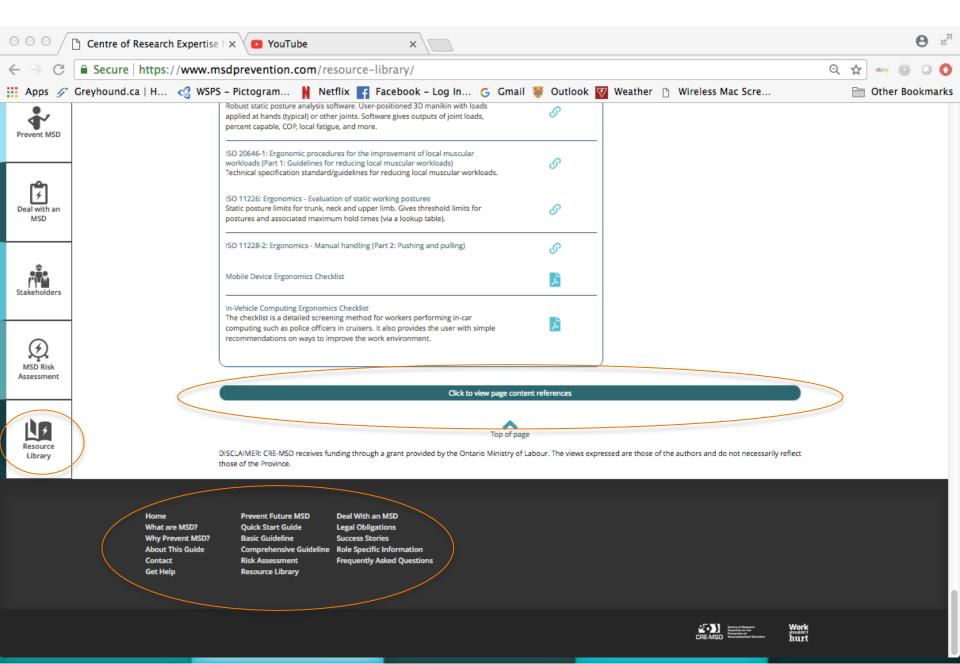


















Next?

Phase 2 Website Development

- Developing "Control Picker", prevention resources and search function
- Develop Risk Assessment and other prevention resources in video, PDF and html formats
- Develop Quick Start Guide: Office
- Collect Stories and Case Studies





Case Studies and Stories

Stories of successes in MSD Prevention really help others: even if your activities were not completely successful, a lot can be learned from your experiences.

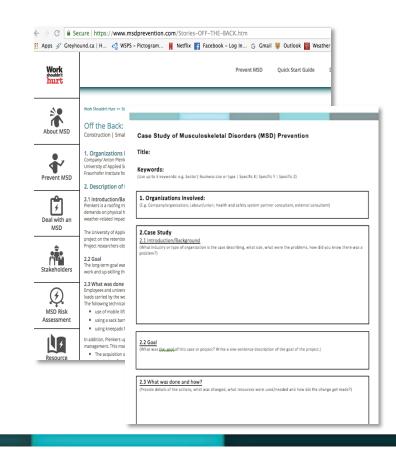
The website needs your stories

 Describe your experiences with MSD. Max 500 words. No template.

The website needs your case studies

Use our case study template

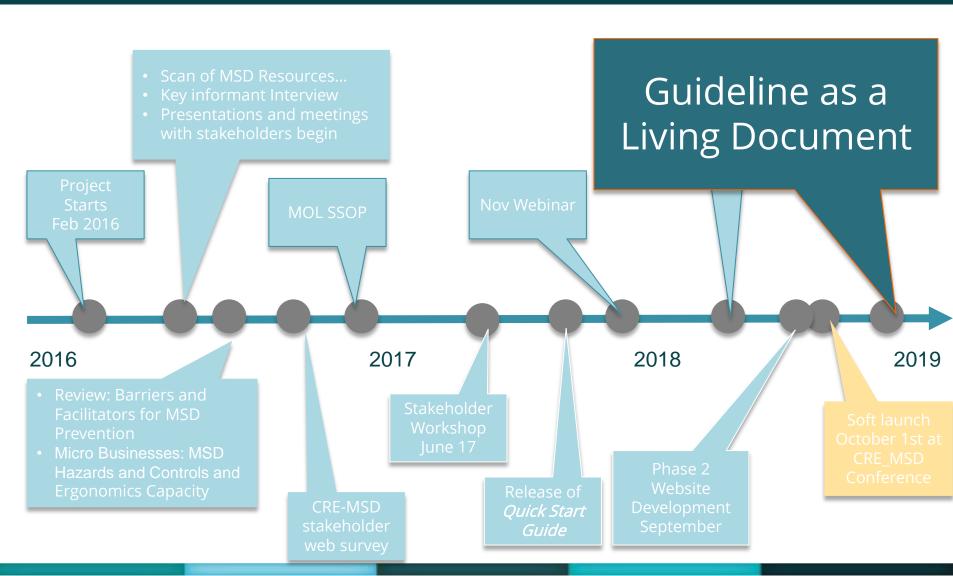
Please contact <u>info@msdprevention.com</u> or Betina Butler at CRE-MSD <u>bbutler@uwaterloo.ca</u> if you want to work with us to put your case study on the website







Timeline of Activities









Next?

Continued Website Development

Respond to user feedback on Beta Release via web survey etc.

Continue to convert resources to be AODA compliant

Continue to add supporting information and literature

Ongoing

Continuing marketing supported by EIPAC Roll-out Committee and other collaborators

Guideline webinars Oct. 31st; Nov. 6th; Dec. 4th

Presentations – ongoing marketing

Guideline Conference

Implementation highlights October 2019







Acknowledgements

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