

The Job Demands and Accommodation Planning Tool (JDAPT)

A practical tool to support workers with chronic and episodic disabilities

Humber College, University of Guelph-Humber & Seneca College. Career Preparation Series, May 15, 2024

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Presentation Overview

Setting the stage: Disability in Canada

- Disability numbers and episodic/dynamic disabilities
- Disclosure of a disability

The Job Demands and Accommodation Planning Tool (JDAPT)

- JDAPT goals
- The tool

Evaluation and Outcome Research

- Outcome evaluation





Setting the Stage: Disability in Canada

Disability numbers and episodic/dynamic disabilities Disclosure of disability



- Living with a chronic or episodic condition does not guarantee a disability
- A disability arises as a result of the interaction between a health condition AND personal and environmental factors, including negative attitudes, activity demands, public policies and practices, inaccessible physical environments, and limited social support
- Changes to work demands or work practices may help to minimize or ameliorate disability

World Health Organization (WHO), https://www.who.int/health-topics/disability





Disability in Canada

- 8 million people in Canada (27%) report living with a disability
- Over 60% of disabilities are episodic or dynamic in nature: they are recurrent, progressive, fluctuating
- Many episodic conditions are **unpredictable** and **invisible** to others
- Examples include depression, anxiety disorders, PTSD, arthritis, multiple sclerosis, diabetes, irritable bowel syndrome, some types of cancer, epilepsy, migraine, many pain conditions, chemical sensitivities, ADHD, MSK conditions, HIV, some cancers, long COVID

(Statistics Canada, 2023; Morris et al., 2019)





Workplace Challenges

The **changing**, **unpredictable**, and **invisible** nature of many disabilities creates challenges in:

- Workplace disability communication, disclosure, and the protection of privacy
- Providing support or accommodations to maintain productivity







Privacy and Accessibility (1)

Learn about your rights and obligations

- In Canada, there are privacy protections for personal health information, as well as duty to accommodate, duty to inquire, and undue hardship legislation
- Employers may request verification from a health care professional that a condition causes job-related activity limitations
- You can discuss challenges with job demands without disclosing you're your condition or its symptoms
- You will need to disclose at least some information if your own or another's health or safety is at risk





Privacy and Accessibility (2)

Government of Canada: <u>https://www.canada.ca/en/government/publicservice/wellness-inclusion-</u> <u>diversity-public-service/health-wellness-public-servants/disability-management/accommodation.html</u>

Accessible Canada Act (ACA): <u>https://laws-lois.justice.gc.ca/eng/acts/A-0.6/</u>

Employment Equity Act: https://laws-lois.justice.gc.ca/PDF/E-5.401.pdf

Accessibility for Ontarians with Disabilities Act (AODA): https://www.ontario.ca/laws/statute/05a11

Act Respecting Equal Access to Employment in Public Bodies (Quebec): http://legisquebec.gouv.qc.ca/en/showdoc/cs/A-2.01

Accessibility for Manitobans (AMA): http://www.accessibilitymb.ca/law.html

Nova Scotia Accessibility Act (NSAA):

https://nslegislature.ca/sites/default/files/legc/statutes/accessibility.pdf





Should I tell my employer?

- You have multiple decisions to make:
 - Whether to say something (no disclosure, voluntary, forced)
 - When to say something (proactive, only if needed)
 - With whom to speak (supervisor, co-workers, HR, union)
 - What to say and how much to share (partial, full disclosure)
 - Your goals (build trust, get support, avoid problems)
- Disclosure decisions are ongoing, not one-time events





What does research tell us about sharing information?

- Across several Canadian surveys, 25%-49% of participants living with a physical or mental health condition reported not sharing information about their limitations at work with their supervisor
- There is no single correct communication decision

	Positive outcomes include:	Negative outcomes include:
Disclosed	supportgreater understanding	 must prove oneself stigma, gossip, loss of reputation as a good worker
Did not disclose	 less stress less concern about how others view you 	 absence of support misperceptions about reasons for any job difficulties





Decisions are Complex: Push Factors For Sharing Personal Information

Need for Support	Goals in Decision	Personal	Organizational
	Making	Preferences	Information
Health or limitations make job tasks difficult Your condition or job tasks are changing and may create future challenges There is a health and safety concern	You have information or accommodation questions You think that sharing will help build awareness or trust	You've had positive past experiences You believe you have an obligation to share some information You want to build education and awareness	You have access to benefits or workplace support policies You perceive a positive workplace culture that is supportive (e.g., trust, protects privacy)





Decisions are Complex: Pull Factors For Not Sharing Personal Information

Need for Support	Goals in Decision	Personal	Organizational
	Making	Preferences	Information
No need for support or needs met with current treatments and workplace supports	Want to protect the status quo, one's finances, or one's reputation	Have had negative past experiences Want to maintain privacy Want to control the flow of information	Do not have access to benefits or workplace support policies Perceive a workplace culture that is not supportive (e.g., gossip, stigma, potential negative repercussions)





Bottom Lines: You Aren't Alone



Workers want guidance on whether to communicate, how to get support if they don't want to share information, and what to share.



Workplace professionals want a transparent, consistent, and comprehensive approach to assessing individualized worker job needs that fits with existing processes.

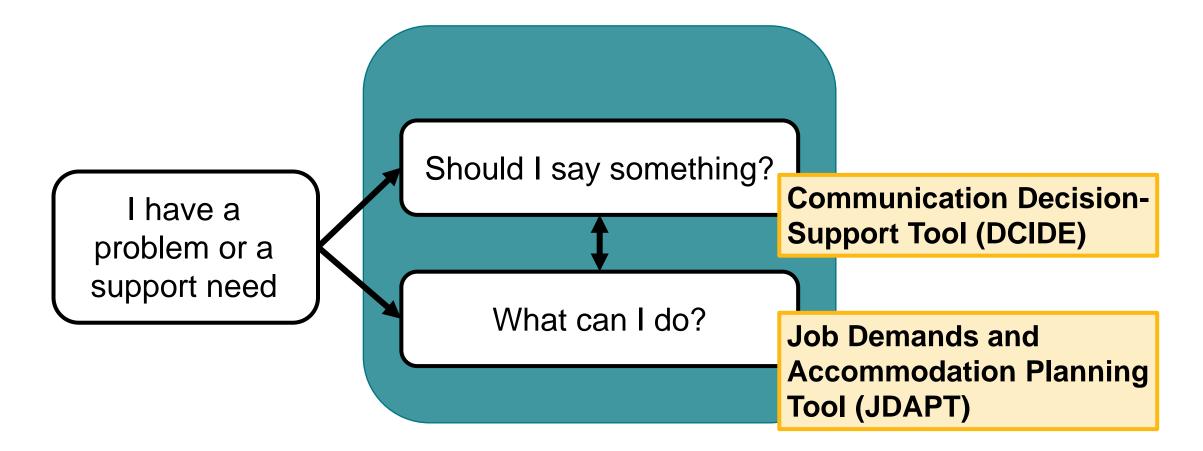


Everyone wants practical support and accommodation ideas.





Addressing the Challenges: The ACED Toolkit https://aced.iwh.on.ca







The Job Demands and Accommodation Planning Tool (JDAPT)

JDAPT Goals The Tool Strategy Development



Job Demands and Accommodation Planning Tool (JDAPT) https://aced.iwh.on.ca/jdapt (1)

Job Demands and Accommodation Planning Tool (JDAPT)

The Job Demands and Accommodation Planning Tool (JDAPT) helps workers with chronic and episodic conditions—and the workplace parties who support them—identify accommodations tailored to job demands that allow workers to successfully stay in their jobs.



JDAPT for workers

This version is for workers with chronic conditions who are most comfortable working with an English-language tool and are looking for practical supports and accommodation ideas tailored to their specific job demands.



L'OPA-ET destiné aux travailleurs et travailleuses

Notre outil en français s'appelle "L'Outil de planification d'accommodements pour répondre aux exigences liées au travaill - ou OPA-ET en abrégé. L'OPA-ET s'adresse aux travailleurs atteints de maladies chroniques qui se sentent plus à l'aise avec un outil en français et qui recherchent des soutiens pratiques et des idées d'accommodements adaptés aux exigences de leur travail.

Accéder à l'outil

JDAPT for organizations

This version of the JDAPT is for supervisors, human resources practitioners, disability case managers and worker representatives who are looking for tailored accommodation deas that will help them support workers with chronic

Goals:

- Adopt a prevention & support framework be more proactive; less crisis-focused
- Integrate with existing workplace support processes
- Provide ideas for practical supports to meet work demands
- Be relevant to diverse jobs, disability types, sectors and organizational sizes
- Promote discussion and brainstorming
- Improve the process and outcomes
- Be interactive, accessible, & evidence based
- Protect privacy





Job Demands and Accommodation Planning Tool (JDAPT) https://aced.iwh.on.ca/jdapt (2)

- Focuses on work demands that may be challenging at times or regularly. Does not focus on a health or disability diagnosis
- Guides a user through a series of simple questions about their job tasks and working conditions
- Provides a personalized list of support ideas relevant to an individual's job demands. The ideas can help generate solutions that work for a person's needs
- Can be used on one's own or to discuss support needs with others and focus on work solutions



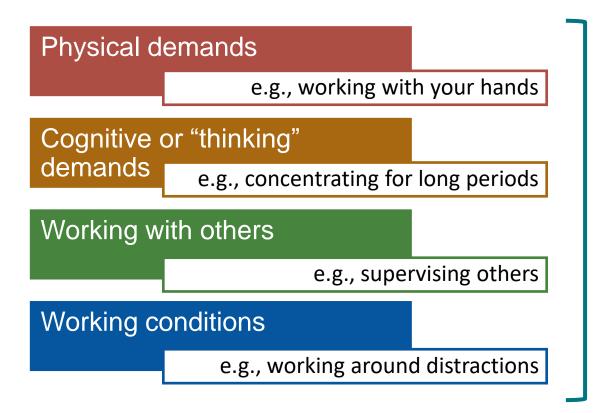
The JDAPT prototype was the grand prize winner in the 2022 MaRS-CIBC Inclusive Design Challenge: Support at Work





Job Demands and Accommodation Planning Tool (JDAPT) https://aced.iwh.on.ca/jdapt (3)

24 types of job demands and working conditions organized in four domains



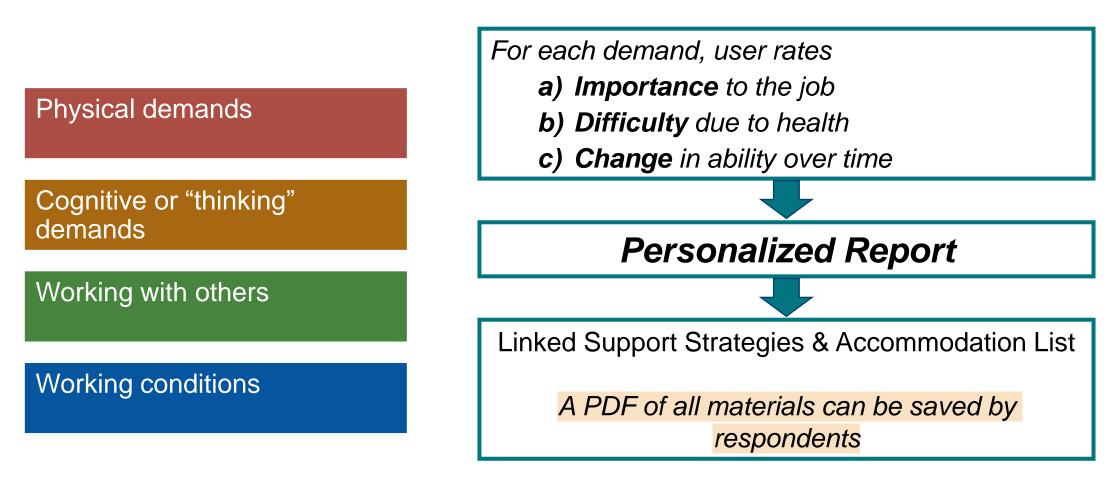
Three Versions of the JDAPT:

- Worker version: self-assessment of job demands & challenges
- Organizational versions: can be completed by workplace staff: a) with a particular worker in mind; b) with a particular job in mind





Job Demands and Accommodation Planning Tool (JDAPT) https://aced.iwh.on.ca/jdapt (4)







Job Demands and Accommodation Planning Tool (JDAPT) https://aced.iwh.on.ca/jdapt (5)

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The Job Demands and Accommodation Planning Tool (JDAPT) helps workers with chronic and episodic conditions—and the workplace parties who support them—identify accommodations tailored to job demands that allow workers to successfully stay in their jobs.



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Go to the tool



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Accéder à l'outil





JDAPT for organizations

This version of the JDAPT is for supervisors, human resources



Job Demands and Accommodation Planning Tool (JDAPT) https://aced.iwh.on.ca/jdapt (6)

Introduction	Instructions	Physical demands	Cognitive demands	Working with others	Working conditions	Job demands summary	Strategies list	Results
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Introduction

Welcome to the Job Demands & Accommodation Planning Tool-called JDAPT (pronounced 'jay-dapt') for short.

The JDAPT is an easy-to-use online tool designed for workers with an episodic disability—that is, a chronic health condition, often invisible, that reoccurs, fluctuates or is getting worse over time. If that includes you, the JDAPT can help you identify the support you may need to continue working comfortably, safely and productively in your job.

How does the JDAPT work?

The JDAPT helps you identify the demands of your job that you may be having difficulties with because of your health. Based on these job demands, the tool suggests ideas and strategies (e.g. job accommodations) to address these difficulties and help you keep working.

- The JDAPT can be used for almost all types of jobs.
- It will take about 15 minutes to complete.
- You can complete the tool on your own or with someone you trust.

How does the JDAPT help?

The JDAPT allows you to prioritize and adopt the ideas and strategies best suited to your situation. Some of the ideas and strategies you can implement on your own. Others will need the approval of your workplace.

If workplace approval is needed, you can use your JDAPT results to help you organize and plan how to approach your supervisor, human resources manager, union representative or other person in your workplace who can help get you the support you need. You may even want to share your JDAPT results (or a summary) as a conversation starter.

Even if your health condition is not currently affecting your ability to do your job, the JDAPT points to self-management and other supports that can help ensure you can continue working comfortably and productively in your job for as long as possible.

Institute for Work & Health

What the JDAPT is NOT

The JDAPT is:

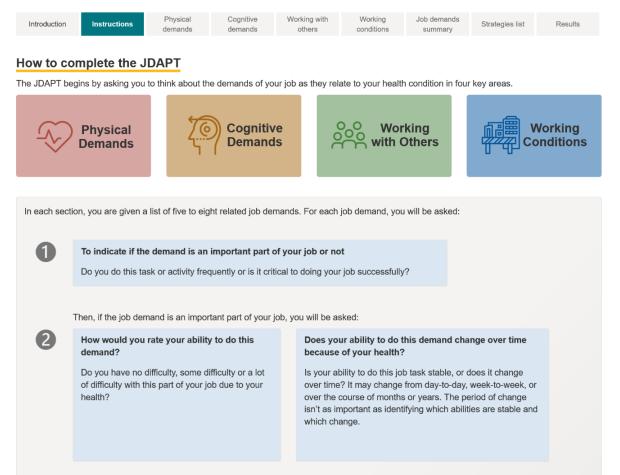
 not a formal functional assessment, job analysis or cognitive demands analysis tool;

Who created the JDAPT?

The JDAPT is grounded in research and was developed by the Accommodating and Communicating about Episodic Disabilities (ACED) team, housed at the Institute for Work & Health a not for profit research granitation based in



Job Demands and Accommodation Planning Tool (JDAPT) https://aced.iwh.on.ca/jdapt (7)







Job Demands and Accommodation Planning Tool (JDAPT) https://aced.iwh.on.ca/jdapt (8)

Doing activities that require strength

	mands Working with	Working conditions	Job demands summary	Strategies list	Results
For each of the five physical demands below, in activity frequently, or is it critical to doing your jo		n important pa	rt of your job. T	hat is, do you d	do this
Moving around or working in awkward posit ► See examples	ions or postures		in	nportant	ot important
Working with your hands See examples			in	nportant	ot important
Doing activities that require strength ► See examples			in	nportant	ot important
Doing activities that require physical endura ► See examples	nce or stamina		in	nportant	ot important
Using one or more of your senses (i.e., touc ▶ See examples	h, taste, smell, hearing	or seeing)	in	nportant	ot important
Are there other physical demands of your jo health condition?	b that are difficult beca	ause of your			yes no
Please use the space below to note for your	self any other informat	ion about the	physical dem	ands of your	job.
					h.
ou have finished reviewing the physical demand	s of your job. Click "Next	Page" to revie	ew the cognitive	e demands of y	/our job.

Save Draft

Next Page >

► See examples	important	not impo
Doing activities that require physical endurance or stamina	important	not impo
▼ See examples		
 working for long periods at tasks like sitting, standing, lifting, typing, reaching 		
 doing repetitive work (i.e., performing the same task over and over) 		
working at a fast pace		
Thinking about your health condition		
How would you rate your ability to do work that requires physical endurance	or stamina?	
O No difficulty		
Some difficulty		
O A lot of difficulty		
Does your ability to do work that requires physical endurance or stamina cha health?	ange over time because	e of your
○ No		
○ Sometimes		
Often		
Using one or more of your senses (i.e., touch, taste, smell, hearing or seeing)	important	not imp
► See examples	important	not imp
Thinking about your health condition		
How would you rate your ability to do work that requires using one of more o smell, hearing or seeing)?	of your senses (i.e. touc	:h, taste,
No difficulty		
O Some difficulty		
O A lot of difficulty		



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Job Demands and Accommodation Planning Tool (JDAPT) https://aced.iwh.on.ca/jdapt (9)

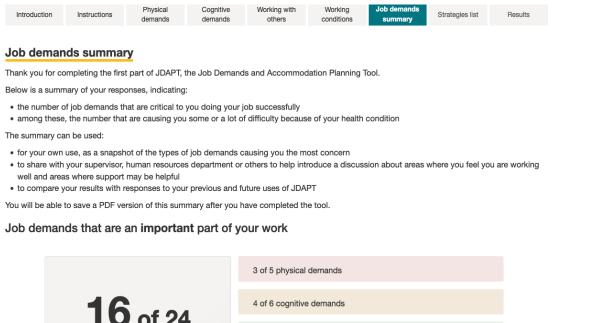
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Introduction	Instructions	Physical demands	Cognitive demands	Working with others	Working conditions	Job demands summary	Strategies list	Results
<u>n-d</u> r) -	the eight dema	onditions		conditions, ind	icate if the activ	ity is required a	as part of your	job or to do
Working are ► See exam	ound distracti ples	ions					required	not required
Working in ► See exam		emperature, we	eather, or oth	er conditions			required	not required
Working wi ► See exam		equipment or i	n hazardous	situations			required	not required
Working in ► See exam	isolated cond ples	litions					required	not required
Working or ► See exam		< during specifi	ic times				required	not required
Travelling a ► See exam	is part of worl	k					required	not required
Working in ► See exam		ere making an	error could h	ave critical co	onsequences		required	not required
Working in ► See exam		h no easy acce	ss to facilitie	s to meet pers	onal needs		required	not required
	ther demands your health?	s related to you	r working co	nditions that a	re difficult			yes no

because of your health?		yes no
Add condition of work	How would you rate your ability to meet this demand of your job?	Does your ability to meet this demand change over time because of your health?
Dry air	 Some difficulty 	O No
	 A lot of difficulty 	 Sometimes
		O Often
Please use the space below 1	to note for yourself any other information rela	ted to the conditions in which you are
required to work.		
required to work.		



Job Demands and Accommodation Planning Tool (JDAPT) https://aced.iwh.on.ca/jdapt (10)

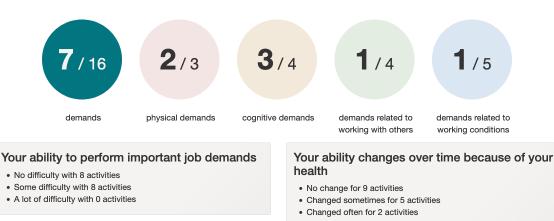


4 of 5 demands related to working with others all job demands 5 of 8 demands related to working conditions

Of these 16 demands, you have some or a lot of difficulty with



Of these 16 demands, abilities change over time with







Job Demands and Accommodation Planning Tool (JDAPT): Support examples (1)

Things you might try on your own

- Try to maintain a good posture to reduce pain and/or fatigue when working
- Wear comfortable shoes with a good grip and support

Adjustments you could try at work (you may or may not need to request permission to do these)

- Use a stool or footrest to help you change positions while working
- Pace your work to avoid becoming tired
- Take the time you need to follow workplace safety guidelines and keep your attention up to avoid injuries
- Plan your more difficult tasks for when you are feeling better
- o Switch between tasks to vary your position and reduce strain
- When doing the same task, take the time to change your position to reduce strain
- Adjust your breaks to help maintain your energy this could mean either taking regular or more frequent breaks, or fewer but longer breaks, depending on your needs
- Ask others for assistance
- o Ask your supervisor for adjustments for work meetings or events

Formal accommodations to consider requesting

- Furniture or equipment that can help reduce strain
- Request a flexible or alternative work schedule which allows you to work when feeling better and have more energy
- Permission to work at home on some days if this is possible in your job
- Temporary or permanent job modification, which means reassigning or reducing time spent on less important or less essential tasks





Job Demands and Accommodation Planning Tool (JDAPT): Support Examples (2)

Things you might try on your own

- Try to maintain a good posture to reduce pain and/or fatigue when working
- Wear comfortable shoes with a good grip and support

Adjustments you could try at work (you may or may not need to request permission to do these)

- Use a stool or footrest to help you change positions while working
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Use a stool or footrest to help you change positions while working

- high stool for alternative sitting and standing at a counter
- low stool or rail to rest feet on one at a time when standing
- footrest to raise feet while sitting





Job Demands and Accommodation Planning Tool (JDAPT): Support Examples (3)

Things you might try on your own

 Do calming or refreshing activities during breaks to bring back focus or to "reset"

Adjustments you could try at work (you may or may not need to request permission to do these)

- Turn off phone or computer notifications while working on a specific task
- Use a timer to set working times and mini breaks which can help with concentration
- Use applications to reduce distractions
- If there are no safety or interpersonal concerns, wear headphones or ear plugs to exclude other sounds
- Introduce background noise if that helps you focus
- Adjust light and/or heat to enhance concentration
- Plan your more difficult tasks for when you are feeling better
- Schedule blocks of time to concentrate on one task without distractions or interruptions
- Adjust your breaks to help maintain your energy, either regular or more frequent breaks, or fewer but longer breaks
- Move your work temporarily to a less distracting location and/or new surroundings which may help with focus

Formal accommodations to consider requesting

- Changes to your workstation to reduce distractions
- Request a flexible or alternative work schedule which allows you to work when feeling better and have more energy
- Temporary or permanent job modification, which means reassigning or reducing time spent on less important or less essential tasks

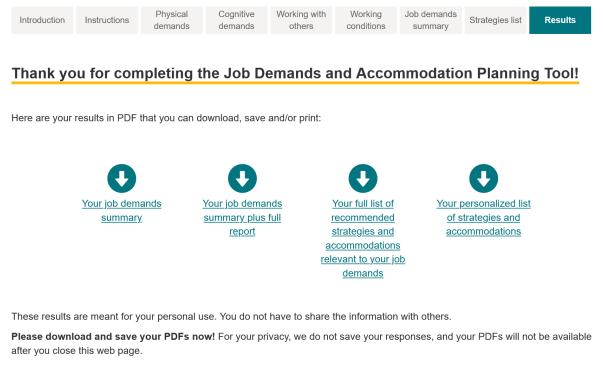
Use a timer to set working times and mini breaks which can help with concentration

 work at one task for 30 minutes, then take a mini break to stretch or walk around before working for another 30-minute session





Job Demands and Accommodation Planning Tool (JDAPT): Summary



We hope you found the Job Demands and Accommodation Planning Tool (JDAPT) useful. Do you have any comments, feedback on the job demands, or suggestions for new strategies? Please email us at <u>aced@iwh.on.ca</u>.

Communicating your needs

Many workplace changes or accommodations require permission from your supervisor or management – and that means telling others about some of the difficulties that you are experiencing at work. Often you do not need to share personal health details to





JDAPT Evaluation and Outcomes

Feasibility Evaluation Outcome Evaluation



JDAPT: Real World Outcome Evaluation

Assessment was undertaken in several stages:

- 1. Needs Assessments (identified gaps in existing resources, reviewed existing studies, conducted new research to explore gaps and causes)
- 2. Formative Evaluation (testing for comprehensiveness, understandability, relevance, feasibility, length)
- 3. Preliminary Outcome/Effectiveness Evaluation (perceived quality of tool, use, uptake)
- 4. Implementation Evaluation (adoption of the tool more broadly; to be undertaken)







JDAPT 9-Month Longitudinal Outcome Evaluation

(n = 188; assessments pre-JDAPT and at 3- and 9-months post JDAPT use)

JDAPT :

- Extremely easy to understand 84%
- Extremely easy to complete 84%
- Changes in confidence (self-efficacy) for problem solving at work, meeting job demands, and dealing with stress*
- Fewer work productivity problems; Reduced absenteeism*
- Findings similar by gender, age, condition type, union membership, permanent versus contract work, organization size
- Not relevant to my job 1%
- Too long 3%

Changes were statistically significant at p<.001





JDAPT 9-Month Longitudinal Outcome Evaluation (2)

"It was empowering to see how much one can do on one's own, especially when I'm hesitant about being supported by HR"

"I used both the full and my personalized list of strategies and accommodations when I was informed that I would need to return to working in the office some days...The suggestions in the materials were very helpful!"

"I used the list of strategies and accommodations plans, plus the language of the job demands summary, to help me request a workplace accommodations plan. These tools were critical in helping me explain how my disability impacts my work and allowed me to think about possible solutions...The plan is still being finalized...Without the JDAPT I wouldn't have had the confidence to go through this (intimidating) process and advocate for myself in such an effective way!"





JDAPT: https://aced.iwh.on.ca/jdapt

- English & French JDAPT freely available
- No personal, identifying information requested
- Users can download their responses; no data saved at IWH

Available since March 31, 2023; As of April 30, 2024:

- > 10,500 JDAPT site visits
- > 7,150 unique visitors to the JDAPT
- > 15,200 visitors to ACED website from Canada;
- ~ 3,500 ACED visitors from the U.S., U.K., and Australia. Other countries include Belgium, Germany, France, Finland, India, Israel, Philippines, South Africa, South Korea, Spain









A research partnership to support the sustained employment of people with intermittent, chronic health conditions

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A research partnership to support the sustained employment of people with intermittent, chronic health conditions

Project Director: Monique Gignac

Partners:

Institute for Work & HealthCrohn's &Arthritis Society CanadaMindful ErCanada Life WorkplaceMS CanadoStrategies for Mental HealthOMLITSDCanadian Mental HealthRealizeAssociationUniversity

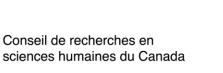
Social Sciences and Humanities

Research Council of Canada

Crohn's & Colitis Canada Mindful Employer Canada MS Canada OMLITSD Realize University of Toronto

Expert Advisory Committee:

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Thank you! Questions? Comments?

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ACED website with JDAPT: https://aced.iwh.on.ca/jdapt/

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