2021 Mining Health and Safety Conference

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An Injured Workers' Journey



Presentation Outline

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Introduction

- Risks and hazards associated with working in the mining industry are not only limited to physical injury
- Occupational Exposures
- Impact (psychosocial, occupational, financial, and physical)
- Workers' compensation



Background/Rationale

- COPD
- Occupational Exposures
- Impact (psychosocial, occupational, financial, and physical)
- Workers' compensation



Research Question

Determine the impact of a lower back injury and the compensation claim process experience expressed by some male underground workers in Sudbury, Ontario

Methods

Theory

Reflexivity

Sample/Setting

Data Collection Data Analysis

Findings

- Extreme Financial Hardship
- Compromised Family Relationships
- Feelings of Depression
- Unsafe Work Environments
- Punishment for Workers
- Denial of Illness and Compensation by the Employer

"We went bankrupt while we were waiting for a response from compensation."

"I was on social assistance and I lost all my credit, I had no money."

Extreme Financial Hardship "I went from being the most involved spouse and parent to being totally focused on pain and work. I became my pain and I didn't know who I was without it. I lost friends and we went through marriage counselling."

"My life is changing dramatically, my wife is pissed off at me all the time."

Compromised Family Relationships "I was on anti-depressants, seeing a psychologist, psychiatrist, doctors, councilors, specialists, I did everything. The biggest thing that was shared with me was when you have an injury that goes on for so long, either you give up and kill yourself or you try to move forward."

"My family went through hell during all this. It was probably my fault cause I wasn't in the right place. I was in a depression, you feel like your no good"

Feelings of Depression

Unsafe Work Environments

"It's still rough. As far as I am concerned the money that you make underground is blood money, its blood money, simple as that."

"It is known to be run like a German camp"

"They don't care about anything else but their muck. The environment is toxic"

Punishment for Injured Workers

"I had one boss who gave me a hard time. He told me they were going to let me go. They wanted me gone because I was on modified work and they didn't want anyone on modified work."

"My supervisor told me well you had a job and you couldn't do it, you called an ambulance. You didn't want to work, so your fired"

"I was denied because they said they didn't think the injury happened at work, the company was trying to stop it"

"The general foreman wrote a letter to compensation saying that I was trying to get back at my boss for changing shifts, so the company is denying my injuries thinking that I am playing a game" Denial of Illness and Compensation by the Employer "So basically, they shut the door on you for everything. Compensation makes it very difficult for you and compensations standard protocol is deny. A system that you pay into your whole life is not about the worker, it is about the company."

Tough Fight for Compensation

Discussion

Mistrust & legitimacy of an injury

- Punishment by the employer & compensation for sustaining a workplace injury
- Return to work still suffering from pain due to a fear of reprisal in the workplace
- Denial of their claim by the compensation office & process felt to be challenging & unfair to worker
- Breakdown in communication at all levels
- Participants felt powerless

Study Strengths

Added value to previous research overall & in Ontario

Captured in-depth perspectives of injured workers who all had direct experiences with the compensation claim process

Study Limitations

Language

Gender

Selection bias

Researcher bias

Recall bias

Small participant group

Implications/Potential Impact

- Foster cohesive relationships with injured workers
- Injured worker advocate
- Formal communication training for all stakeholders (union, WSIB, employer)
- Development of resources for injured workers
- Creation/improvement of policies/procedures (return to work, compensation process, reporting an injury)

Conclusions

Peer supports, sharing of knowledge, & informed decision making were vital to reducing the economic & non-economic costs of a workplace injury

Need for additional research about biopsychosocial consequences of an injury

Importance of providing process, policy information

Prevention education to all individuals involved in an injured worker's journey

Person-centered form of treatment (return to work)

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- Amponsah-Tawiah, K., & Menash, J. (2016). Occupational health and safety and organizational commitment: Evidence from the Ghanaian mining industry. Safety and Health at Work, 7, 225-230.
- Baril, R., Clarke, J., Friesen, M., Stock, S., & Cole, D. (2003). Management of return-to-work programs for workers with musculoskeletal disorders: A qualitative study in three Canadian provinces. *Social Science & Medicine*, *57*, 2101-2114. doi:10.1016/S0277-9536(03)00131-X
- Beardwood, B. A., Kirsh, B., & Clark, N. J. (2005). Victims twice over: Perceptions and experiences of injured workers. *Qualitative Health Research*, 15, 30-48.
- Braun, V., & Clarke, V. (2006). Using thematic analysis in psychology. *Qualitative Research in Psychology*, *3*, 77-101. doi:10.1191/1478088706qp063oa
- By the numbers: 2017 WSIB statistical report. (n.d.). Retrieved from: http://www.wsibstatistics.ca/images/S1_By%20The%20Numbers.pdf
- Cacciacarro, L., & Kirsh, B. (2006). Exploring the mental health needs of injured workers. Canadian Journal of Occupational Therapy, 73, 178-187. doi:10.1177/000841740607300304

- Colorafi, K. J., & Evans, B. (2016). Qualitative descriptive methods in health science research. *HERD: Health Environments Research & Design Journal*, *9*(4), 16-25. doi:10.1177/1937586715614171
- Creswell, J. W. (2013). Qualitative inquiry & research design: Choosing among five approaches (3rd ed.). London, England: SAGE.
- Crotty, M. (2015). *The foundations of social research: Meaning and perspective in the research process*. London, England: SAGE.
- Dembe, A. E. (2001). The social consequences of occupational injuries and illnesses. *American Journal of Industrial Medicine*, 40, 403-417. doi:10.1002/ajim.1113
- Donoghue, A. M. (2004). Occupational health hazards in mining: An overview. Occupational Medicine, 54, 283-289. doi:10.1093/occmed/kqh072
- Economic Contribution. (n.d.). Retrieved from: https://www.oma.on.ca/en/ontariomining/economiccontribution.asp
- Frame, B., & Brown, J. (2008). Developing post-normal technologies for sustainability. *Ecological Economics*, *65*, 225-241.
- Friesen, M. N., Yassi, A., & Cooper, J. (2001). Return-to-The importance of human interactions and organizational structures. *Work, 17*, 11-22.

- Johnson, E. S. (2008). Ecological systems and complexity theory: Toward an alternative model of accountability in education. *Complicity: An International Journal* of Complexity and Education, 5, 1-10. doi:10.29173/cmplct8777
- Kigozi, J., Konstantinou, K., Ogollah, R., Dunn, K., Martyn, L., & Jowett, S. (2019). Factors associated with costs and health outcomes in patients with back and leg pain in primary care: A prospective cohort analysis.
- BMC Health Services Research, 19, Article 406. Kilgour, E., Kosny, A., McKenzie, D., & Collie, A. (2015). Interactions between injured workers and insurers in workers' compensation systems: A systematic review of qualitative research literature. *Journal of Occupational Rehabilitation*, 25, 160-181. doi:10.1007/s10926-014-9513-x
- Kirsh, B., Slack, T., & King, C. (2012). The nature and impact of stigma towards injured workers. *Journal of Occupational Rehabilitation*, 22, 143-154.
- Kloek, C., van Tilburg, M., Staal, J., Veenhof, C., & Bossen, D. (in press). Development and Proof of concept of a blended physiotherapeutic intervention for patients with non-specific low back pain. *Physiotherapy*. doi:10.1016/j.physio.2018.12.006
- Korzycki, M., Korzycki, M., & Shaw, L. (2008). Left behind in the return-to-work journey: Consumer insights for policy change and practice strategies. *Work*, 30, 277-287.
- Kosny, A., MacEachen, E., Ferrier, S., & Chambers, L. (2011). The role of health care providers in long term and complicated workers' compensation claims. *Journal* of Occupational Rehabilitation, 21, 582-590.

- Lippel, K. (2007). Workers describe the effect of the workers' compensation process on their health: A Québec study. *International Journal of Law and Psychiatry*, 30, 427-443. doi:10.1016/j. ijlp.2007.06.013
- Palinkas, L., Horwitz, S., Green, C., Wisdom, J., Duan, N., & Hoagwood, K. (2015). Purposeful sampling for qualitative data collection and analysis in mixed method implementation research. *Administration and Policy in Mental Health and Mental Health Services Research*, *4*2, 533-544. doi:10.1007/s10488-013-0528-y
- Rintamaki, L. S., & Brashers, D. E. (2010). Stigma and intergroup communication. In H. Giles, S. A. Reid, & J. Harwood (Eds.), *The dynamics of intergroup communication* (pp. 155-166). New York, NY: Peter Lang.
- Roberts-Yates, C. (2003). The concerns and issues of injured workers in relation to claims/injury management and rehabilitation: The need for new operational frameworks. *Disability and Rehabilitation*, 25, 898-907. doi:10.1080/0963828031000122203
- Robichaud, M., Truchon, M., St-Arnaud, L., & Nastasia, I. (2019). Insurers' perspective on barriers and facilitators for return to work after occupational injuries. *Work*, 63, 81-97.
- Rosa, E. M., & Tudge, J. (2013). Urie Bronfenbrenner's theory of human development: Its evolution from ecology to bioecology. *Journal of Family Theory & Review*, *5*, 243-258. doi:10.1111/jftr.12022
- Soklaridis, S., Ammendolia, C., & Cassidy, D. (2010). Looking upstream to understand low back pain and return to work: Psychosocial factors as the product of system issues. Social Science & Medicine, 71, 1557-1566. doi:10.1016/j.socscimed.2010.08.017

- Steenstra, I. A., Munhall, C., Irvin, E., Oranye, N., Passmore, S., Van Eerd, D., ... Hogg-Johnston, S. (2017). Systematic review of prognostic factors for return to work in workers with sub acute and chronic low back pain. *Journal of Occupational Rehabilitation*, 27, 369-381. doi:10.1007/s10926-016-9666-x
- Strunin, L., & Boden, L. I. (2004). Family consequences of chronic back pain. Social Science & Medicine, 58, 1385-1393. doi:10.1016/S0277-9536(03)00333-2
- Trief, P. M., & Donelson, R. G. (1995). The potential impact of the Workers' Compensation System on quality-of-life outcomes: A clinical analysis. *Journal of Occupational Rehabilitation*, *5*, 185-193.
- van Tulder, M. W., Furlan, A. D., & Gagnier, J. J. (2005). Complementary and alternative therapies for low back pain. *Best Practice & Research Clinical Rheumatology*, *19*, 639-654. doi:10.1016/j.berh.2005.03.006
- Wall, C. L., Morrissey, S. A., & Ogloff, J. R. P. (2008). Personality traits, psychological health, and the workers' compensation system. *The Australian Journal of Rehabilitation Counselling*, *14*, 55–68.
- Who We Are—USW Local 6500. (n.d.). Retrieved from <u>https://uswlocals</u>. org/uswlocal-6500/who-we-are
- Workplace Safety and Insurance Board. (n.d.). Retrieved from https://www.wsib.ca/en/about-us

