## Evaluation designs for work disability prevention interventions

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## Cohort studies

- Need a clear, unambiguous definition of the intervention (exposure)
  - sometimes by degree, resulting in more than one intervention group
- The comparison group should be similar to the intervention group in important respects e,g, use propensity scores to identify matched subgroups
- Identification of outcome should be similar in the groups
- Minimize losses, or track them



- Possible to study multiple outcomes: predetermined primary and secondary outcomes
- Enables calculation of incidence rates, relative risks, survival curves, hazard ratios.

## Drawbacks

- Inefficient for rare events
- May be expensive
- Selection bias (groups not comparable)
- Loss to follow-up differential losses (bail-outs are not random events)







