

Distress and wellbeing among general practitioners during COVID-19 - results from the cross-sectional PRICOV-19 study.

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Quality and Safety in Primary Care in times of COVID-19

Background and Aim

- ▶ COVID-19
- ▶ Wellbeing already of concern
- ▶ High risk of burnout
- ▶ PRICOV data - Mayo Clinic Wellbeing index
- ▶ Key levers that could potentially mitigate the risk of distress



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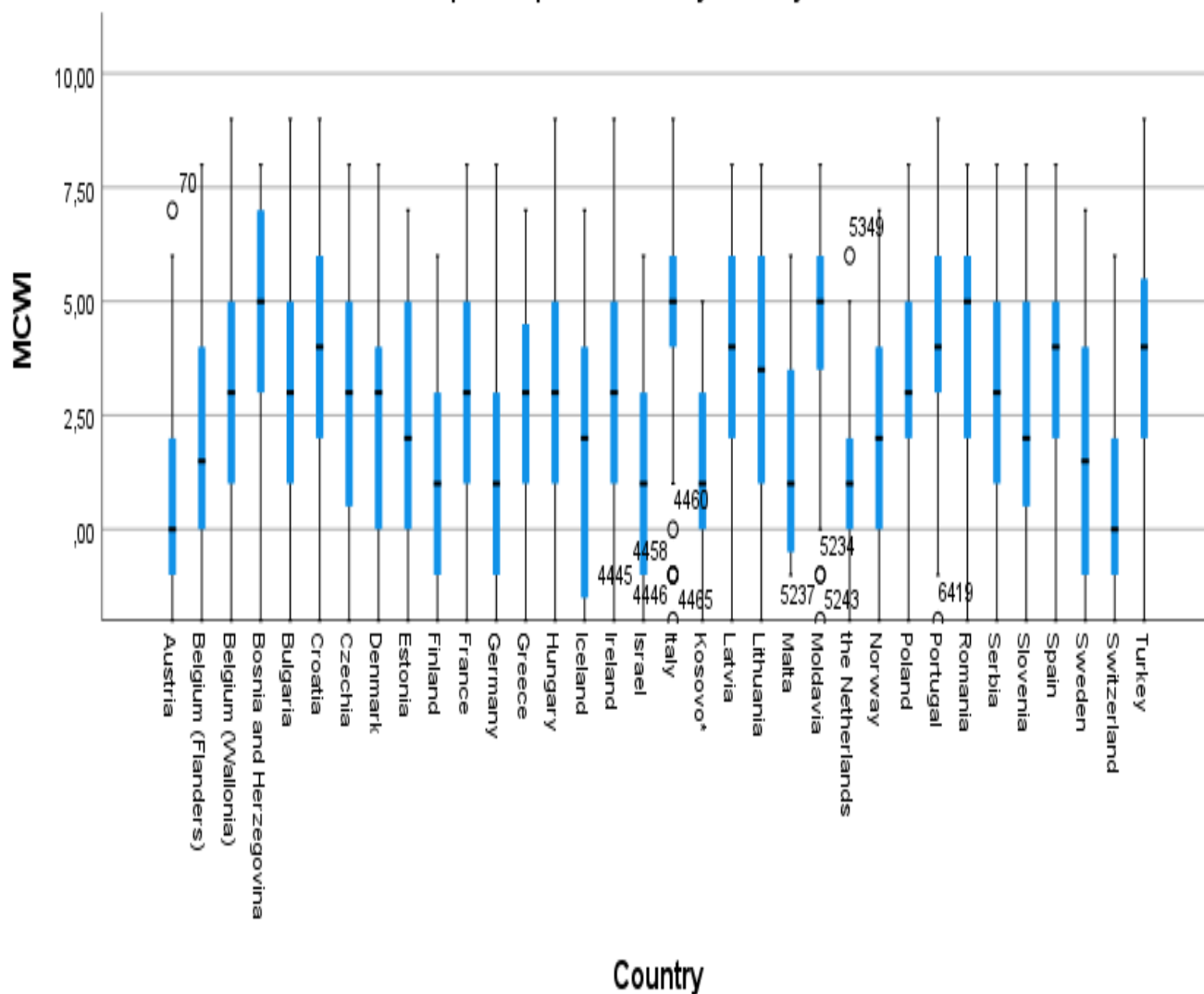
Methods

- ▶ Cross-sectional
- ▶ Self-completed online questionnaire
- ▶ Data collection Nov '20-Dec '21
- ▶ 33 Countries – Database v7
- ▶ SPSS v28
- ▶ Ethical approval
- ▶ Linear mixed model analysis
- ▶ MCWI score as outcome variable
- ▶ Exploration phase
- ▶ Stepwise building of four models
- ▶ Null; individual; practice; Covid-context



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Simple Boxplot of MCWI by Country



- ▶ 3,711 respondents
- ▶ GP experience
- ▶ Almost 40% 1 GP
- ▶ Urban/Rural breakdown
- ▶ MCWI scores -2 to 9
median=3
- ▶ 65% considered 'at risk'



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Model IV: fixed effect estimate (95% CI)	
Intercept	1.00 (0.32, 1.68)**
GP experience	
30-39 years	Ref.
20-29 years	0.50 (0.25, 0.76)***
10-19 years	0.54 (0.28, 0.80)***
0-9 years	0.48 (0.21, 0.74)***
Number of GP staff in practice	
≥5	Ref.
3-4	0.19 (-0.08, 0.47)
2	0.35 (0.05, 0.65)*
1	0.56 (0.27, 0.86)***
Practice location	
Big (inner)city	Ref.
Suburbs	0.03 (-0.29, 0.34)
(Small) town	0.07 (-0.19, 0.33)
Mixed urban-rural	0.29 (0.04, 0.55)*
Rural	0.13 (-0.14, 0.39)

Patient population: chronic disease	
Below average	Ref.
Approximately the average	0.01 (-0.40, 0.41)
Above average	0.47 (0.05, 0.89)*
Patient population: financial problems	
Below average	Ref.
Approximately the average	0.34 (0.11, 0.56)**
Above average	0.59 (0.33, 0.86)***
Collaboration from neighborhood practices (0-4)	-0.17 (-0.24, -0.10)***
Adequate government support (0-4)	-0.31 (-0.40, -0.23)***
Responsibilities have increased (0-4)	0.39 (0.30, 0.48)***
Further training for amended responsibilities needed (0-4)	0.36 (0.27, 0.44)***
Enough protected time for reviewing guidelines/literature (0-4)	-0.33 (-0.40, -0.26)***

In summary - findings and conclusions

- ▶ Experience, practice and composition of patient population related to MCWI score
- ▶ Protective: Collaboration from other practices and adequate governmental support
- ▶ Practice and system level organizational factors needed to support
- ▶ Research on the impact of such interventions





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Distress and Wellbeing among General Practitioners in 33 Countries during COVID-19: Results from the Cross-Sectional PRICOV-19 Study to Inform Health System Interventions

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