

A Rural Health Research Perspective

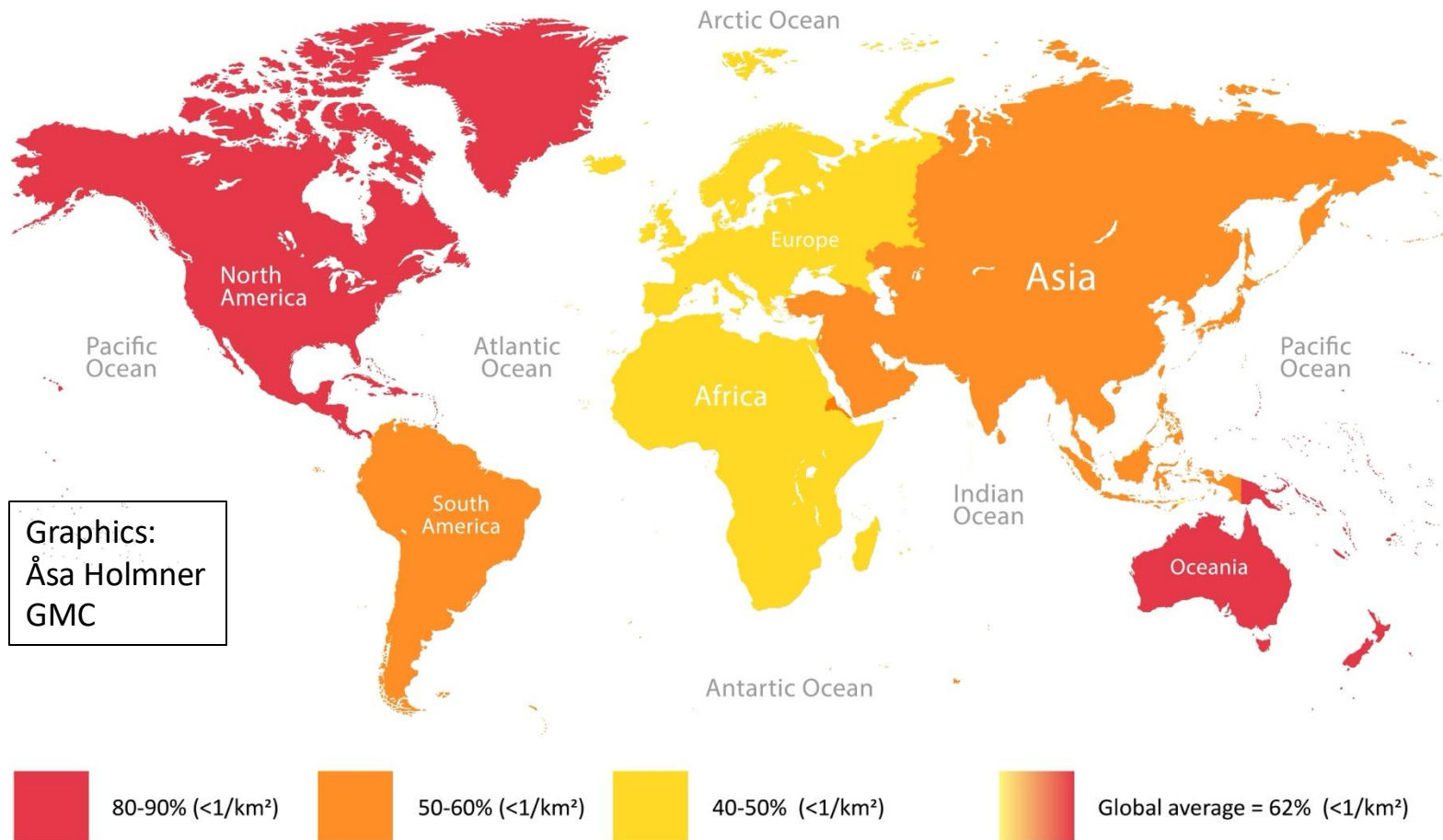
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Dep. of Epidemiology and Global Health, Umeå University



Why?

DEMOGRAPHIC DENSITY - continental average of land area with population density < 1 person/km²



Sparsely Populated Regions (SPR)

1. Few people
2. Long distances
3. Remotely controlled
4. Specific life-style

Le Tourneau, Sparsely populated regions as a specific geographical environment,
Journal of Rural Studies 75 (2020) 70–79.



What?

Research questions

1. How to assure a competent workforce for good quality care?
2. How can digital technology and e-Health contribute to good and close care?
3. How can new models for integrated care be implemented?
4. What are the specific needs in the rural population?

How?

Methods

Randomized Control Trial (RCT)?

Gold standard – but NOT allways suitable for SPR

1. They may not give relevant answers to our questions
2. The evidence may NOT target people in rural areas
3. Difficult with small samples

Instead

1. Qualitative studies
2. Culturally sensitive surveys of the specific health care needs
3. Research collaborations

Rural Health Ethics

1. Overlapping, dual and multiple relationships
2. Patient confidentiality and privacy
3. The allocation of limited resources
4. Different understanding of health and priorities for self and community

Christy Simpson
Fiona McDonald

Rethinking Rural Health Ethics

Conclusion

1. Few people



People in rural area living with a stoma, experienced that they didn't get the right help in their daily life.



UMEÅ UNIVERSITY

Stomas from a rural
perspective

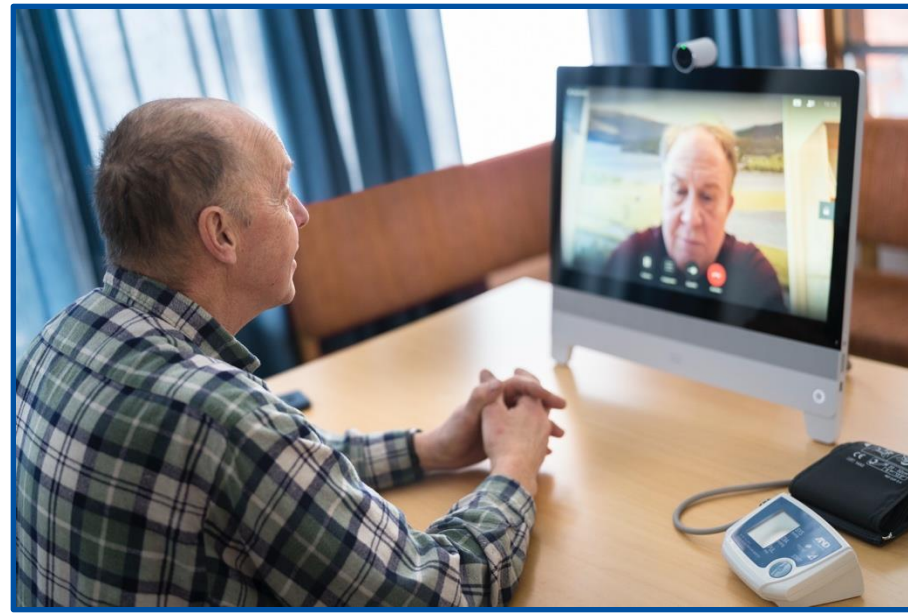
- An evaluation of characteristics,
differences and improvement opportunities

Simon Näverlo

Department of Surgical and Perioperative Sciences
Umeå 2020

2. Long distances

Person-Centered Care (PCC) can be provided by means of video meetings but needs a digital extension: ePCC.

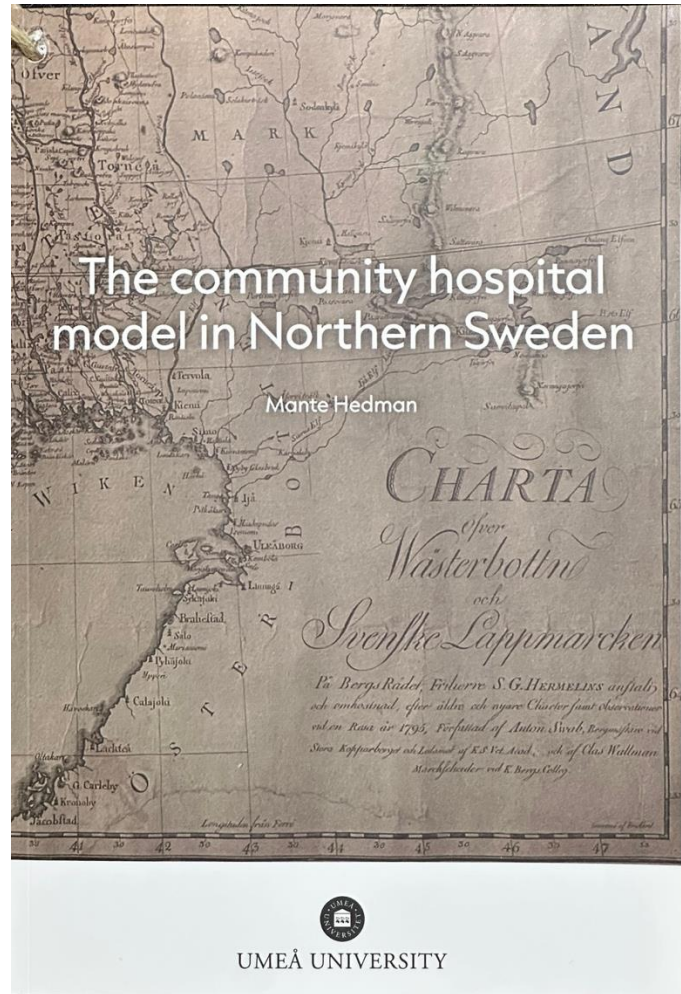


Ek, Liljegren, Edin-Liljegren
Patients With Cardiovascular Disease
Revisiting Specialist Physicians via Remote
Treatment: Interview Study of Experiences
JMIR Human Factors 2023;10:e43125

3. Remotely controlled

We need effective *locally adapted* models, e.g.

”the community hospital is a good way of delivering care in rural area. The importance of relational continuity was stressed by rural GPs”.



4. Specific life-style

1. The confidence in primary health care and psychiatry was lower among the reindeer-herding Sami.
2. Knowledge of the culture-specific lifestyle facilitate the meeting between care providers and Sami patients.





Primary Health Center, Kaiwara

Chintamani Chikkaballapura

ಕೈವಾರ ಪ್ರಾಥಮಿಕ ಆರೋಗ್ಯ ಕೇಂದ್ರ

ಚಿಂತಾಮಣಿ ಚಿಕ್ಕಬಳ್ಳಾಪುರ



RAMAIAH
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Ramaiah Tele Medicine Unit

Indo - Sweden Tele Geriatrics Project

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ಐ.ಸಿ.ಎಂ.ಆರ್ ಅನುದಾನಿತ ಯೋಜನೆ

**Rural Satellite
Center**

| ಗ್ರಾಮಾಂತರ ಉಪಕೇಂದ್ರ

Chintamani Chikkaballapura

ಕೈವಾರ ಪ್ರಾಥಮಿಕ ಆರೋಗ್ಯ ಕೇಂದ್ರ
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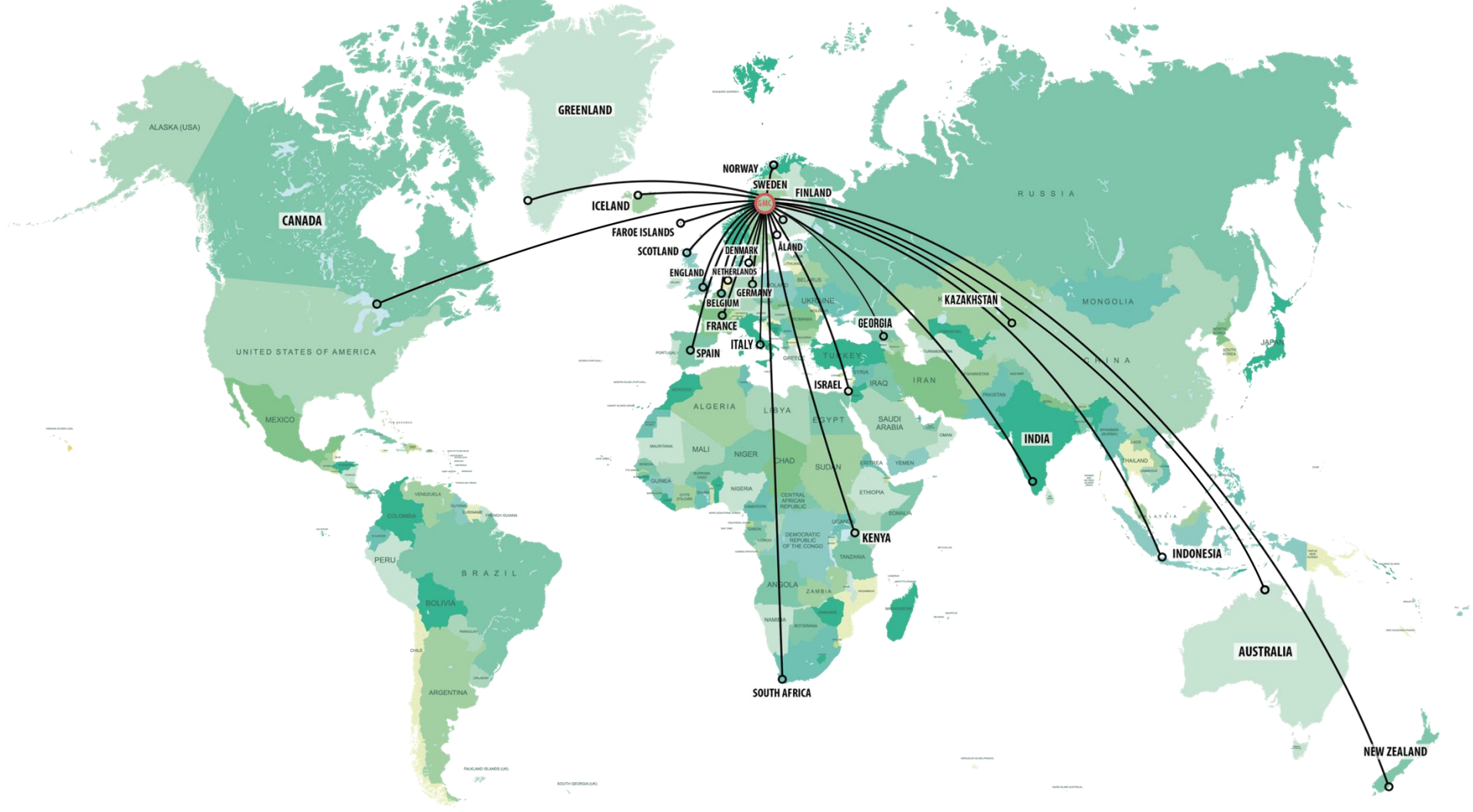
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ಐ.ಸಿ.ಎಂ.ಆರ್ ಅನುದಾನಿತ ಯೋಜನೆ

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Center

- ಸಮಾಜ ಸೇವೆ
- ರಕ್ತ
- ಔಷಧಿ
- ರಕ್ತ
- ಪಿಪಿ

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Thank You!

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  Glesbygdsmedicinskt centrum



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