

New wine into old bottles

Circumpolar research and international cooperation in
the 21st century

peter bjerregaard
centre for health research in greenland

*National Institute of Public Health,
University of Southern Denmark &
Department of Health, Greenland*

A leper cleaned. S. Luke. Matthew called.

ships to land, they forsooke all, and followed him.

12. ¶ And it came to passe, when he was in a certaine citie, behold a man full of leprosie: who seeing Iesus, fell on his face, & besought him, saying, Lord, if thou wilt, thou canst make me cleane.

13. And he put forth his hand, and touched him, saying, I wil: be thou cleane. And immediatly the leprosie departed from him.

14. And hee charged him to tell no man: but, Goe, and shew thy selfe to the Priest, and offer for thy cleansing, according as Moses commanded, for a testimony vnto them.

15. But so much the more went there a fame abroad of him, and great multitudes came together to heare, and to be healed by him of their infirmites.

16. ¶ And he withdrew himselfe into the wilderness, and prayed.

17. And it came to passe on a certaine day, as hee was teaching, that there were Pharisees and Doctours of the Law sitting by, which were come out of euery towne of Galilee, and Judea, and Hierusalem: and the powder of the Lord was present to heale them.

18. ¶ And behold, men brought in a bed a man which was taken with a palse: and they sought meanes to bring him in, and to lay him before him.

19. And when they could not find by what way they might bring him in, because of the multitude, they went vpon the houfe top, & let him downe through the tiling with his couch, into the midst before Iesus.

20. And when he saw their faith, hee said vnto him, Man, thy sinnes are forgiven thee.

21. And the Scribes and the Pharisees began to reason, saying, who is this which speaketh blasphemies? who can forgive sinnes, but God alone?

22. But when Iesus perceived their thoughts, hee answering, saide vnto them, what reason ye in your hearts?

23. Whether is easier to say, Thy sinnes be forgiven thee: or to say, Rise vp and walke?

24. But that ye may know that the Sonne of man hath power vpon earth to forgive sinnes (he said vnto the sicke of the palse,) I say vnto thee, Arise, and take vp thy couch, and go into thine house.

25. And immediatly he rose vp before them, and tooke vp that whereon hee lay, and departed to his owne house, glorifying God.

26. And they were all amazed, and they glorified God, and were filled with feare, saying, we haue seene strange things to day.

27. ¶ And after these things hee went forth, and saue a publicane, named Leui, sitting at the receipt of custome: and hee said vnto him, Follow me.

28. And he left all, rose vp, and followed him.

29. And Leui made him a great feast in his owne house: and there was a great company of Publicanes, and of others that sat downe with them.

30. But their Scribes and Pharisees murmured against his disciples, saying, why doe ye eat and drinke with Publicanes and sinners?

31. And Iesus answering, said vnto them, They that are whole need not a physician: but they that are sicke.

32. I came not to call the righteous, but sinners to repentance.

33. ¶ And they said vnto him, why doe the disciples of Iohn fast often, and make prayers, and likewise the disciples of the Pharisees: but thine eat and drinke?

34. And he said vnto them, Can yee make the children of the Bride-chamber fast, while the Bridegrome is with them?

35. But the dayes will come, when the Bridegrome shall bee taken away from them, and then shall they fast in those dayes.

36. ¶ And he spake also a parable vnto them, ¶ No man putteth a peece of a newe garment vpon an olde: if otherwise, then both the newe maketh a rent, and the peece that was taken out of the newe, agreeth not with the olde.

37. And no man putteth newe Wine into olde bottles: else the newe Wine will burst the bottles, and be spilled, and the bottles shall perish.

38. But newe Wine must be put into newe bottles, and both are preserved.

39. ¶ No man also hauing drunke olde Wine, straightway desireth newe: for he saith, The old is better.

CHAP.

Mar. 9. 9.

Mar. 9. 14.



37 And no man putteth new Wine into old bottles: else the new Wine will burst the bottles, and be spilled, and the bottles shall perish.

38 But newe Wine must be put into newe bottles, and both are preserved.





<http://www.ncbi.nlm.nih.gov/PubMed/>

Main purpose of workshop:
To alleviate the risk of bursting bottles



Two types of research in Greenland

1. Research using Greenland as a laboratory
2. Research to improve health in Greenland

one type is welcome one type maybe less so

Local resources are not unlimited

- **Goodwill**

Greenland is a country in itself and Danish researchers are visitors/foreigners

- **Infrastructure and staff**

The hospitals and health centres are usually pleased to assist researchers – on a collaborative basis and with reimbursement of expenses

- **Population**

There is a competition for research participants; the total Inuit population is about 50,000 and signs of research fatigue are beginning to show

- **Absorption of results**

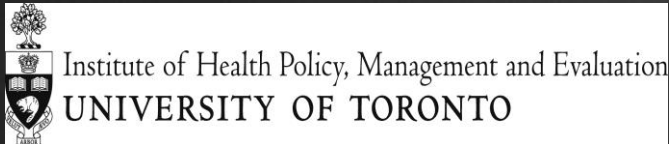
Don't propose solutions to health problems unless you are 100% familiar with the Greenland context (which you are probably not)

- **Rules and regulations**

The research ethical system is different from that of Denmark. All research has to be endorsed by the Research Ethical Committee for Greenland (Det videnskabetiske udvalg for Grønland) and the Danish Datatilsynet

Objective three

- ⊗ Need to set research priorities
 - ⊗ And it needs to be set by the right people [?]
 - ⊗ And not just by academics dropped in from the ivory tower
- ⊗ Take back the research agenda
 - ⊗ And focus it



Health priorities Inuuneritta and more...

- Living conditions of children and youth
- Mental health, suicide prevention
- Alcohol and drugs
- Smoking
- Diet and physical activity
- Equal access to quality health care



Data and plans (i)



Data	Year	N
Mortality register	1968-2010	17,919
Health Behaviour in School-aged Children	1994-2010	12,710
Inuit Cohort Study	2004-2010	6750
• Population surveys	1993-1994	1728
	1999-2001	4061
	2005-2010	3253
Mother/child cohorts	1999-2005	403 (+600)
Youth surveys	2004; 2010	508; 440



Data and plans (ii)



Research project	Stage
Register follow-up of existing cohorts	ongoing
Identification of disease loci associated with common metabolic disorders	ongoing
POPs and immune function	ongoing
Clinical follow-up of existing cohorts	planning
HBSC follow-up	funded
Childhood conditions, social transition and health inequity	fundraising
Resilience in youth	fundraising
Validation of diagnoses of cardiovascular disease and diabetes in registers	fundraising
Suicide intervention	waiting
Evaluation of health care reform	waiting



International cooperation & more

- Grønlandsmedicinsk Selskab
- International Union for Circumpolar Health

- Circumpolar Health Research Network
 - International Journal of Circumpolar Health



Grønlandsmedicinsk Selskab: www.gmsnet.dk

Circumpolar Health Research Network: circhnet.org/

International Journal of Circumpolar Health:
www.circumpolarhealthjournal.net/index.php/ijch