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ANALYSIS OF MOUTH CARE CARING RESEARCH

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Prevention of aspiration pneumonia by mouth care

- **Poor oral hygiene has been suggested to be a risk factor for aspiration pneumonia** in the institutionalized and disabled elderly. Control of oral biofilm formation in these populations reduces the numbers of potential respiratory pathogens in the oral secretions. (Scnnapieco, FA 2014)
- Patients **hospitalized in the ICU can frequently develop swallowing disorders**. The complications of them can be devastating, including aspiration, reintubation, pneumonia, and a prolonged hospital length of stay. (Macht M, 2013)
- **Weekly professional mechanical cleaning** of the oral cavity in dependent elderly (Ishikawa A, 2008), **daily oral care** for tube-fed patients (Makabe K 2014) **reduced the incidence of pneumonia**.

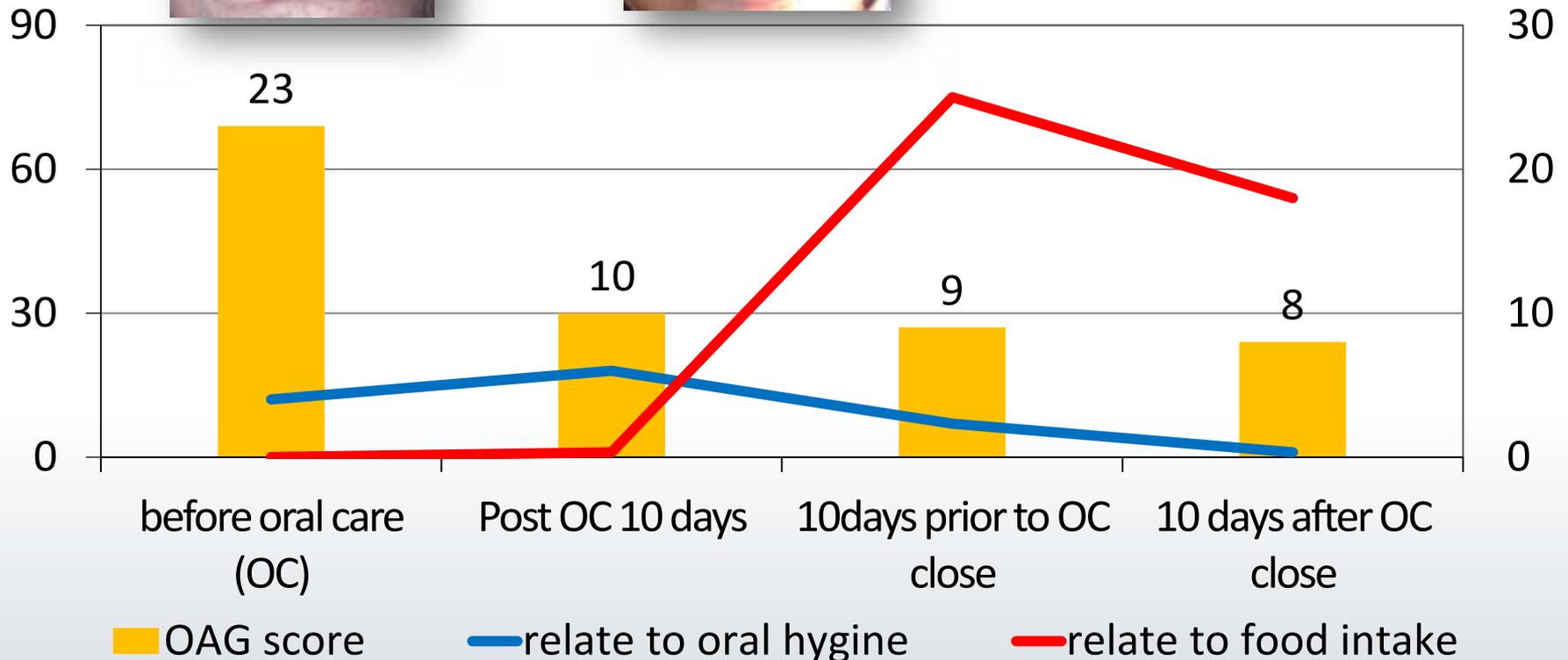
Oral care: aim and assessment

aim	items	assessment
Improve general condition	prognosis Aspiration pneumonia	mortality mobility
Keep oral condition	Sanitarily condition	Oral Assessment Grade
Maintain swallowing function	Swallowing function Nutritional state	Food Intake Level Scale Total protein, albumin
Maintain sociality	Restore dignity Participations of social activity Confidence of caregiver Transpersonal relevancy	Caring ?

A change of the concerns term of dysphagia in a nursing record



78yo terminally ill
cancer patient

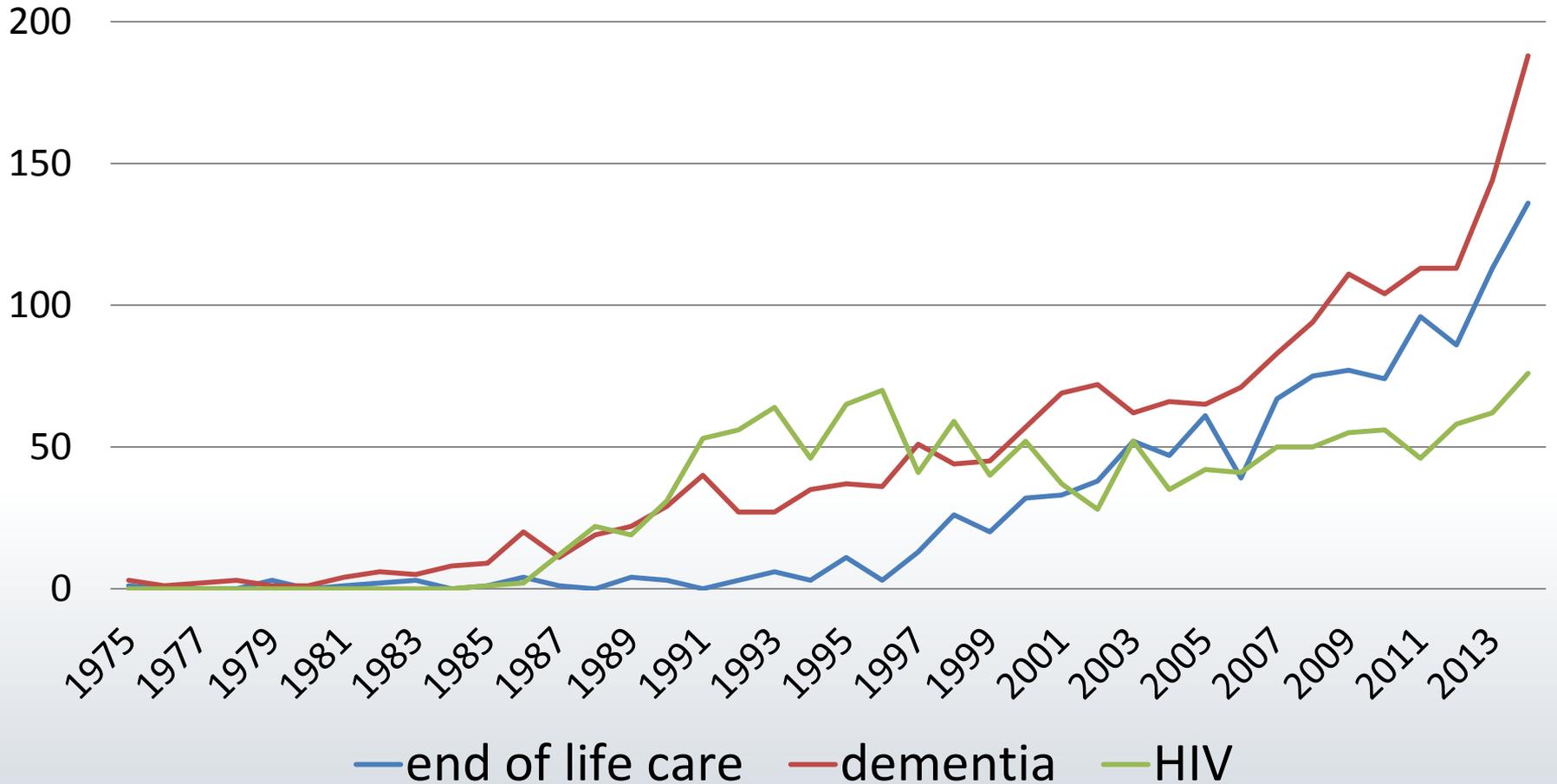


Methods

- **retrieval software** : PubMed, MEDLINE
- **keywords** : caring, mouth (oral) care, geriatric, satisfaction, dysphasia, oral feeding support, caregivers, oral health
- **exclusion** : Review , research papers and case report that have been described for general care

Caring related to end of life care, dementia, HIV/AIDS

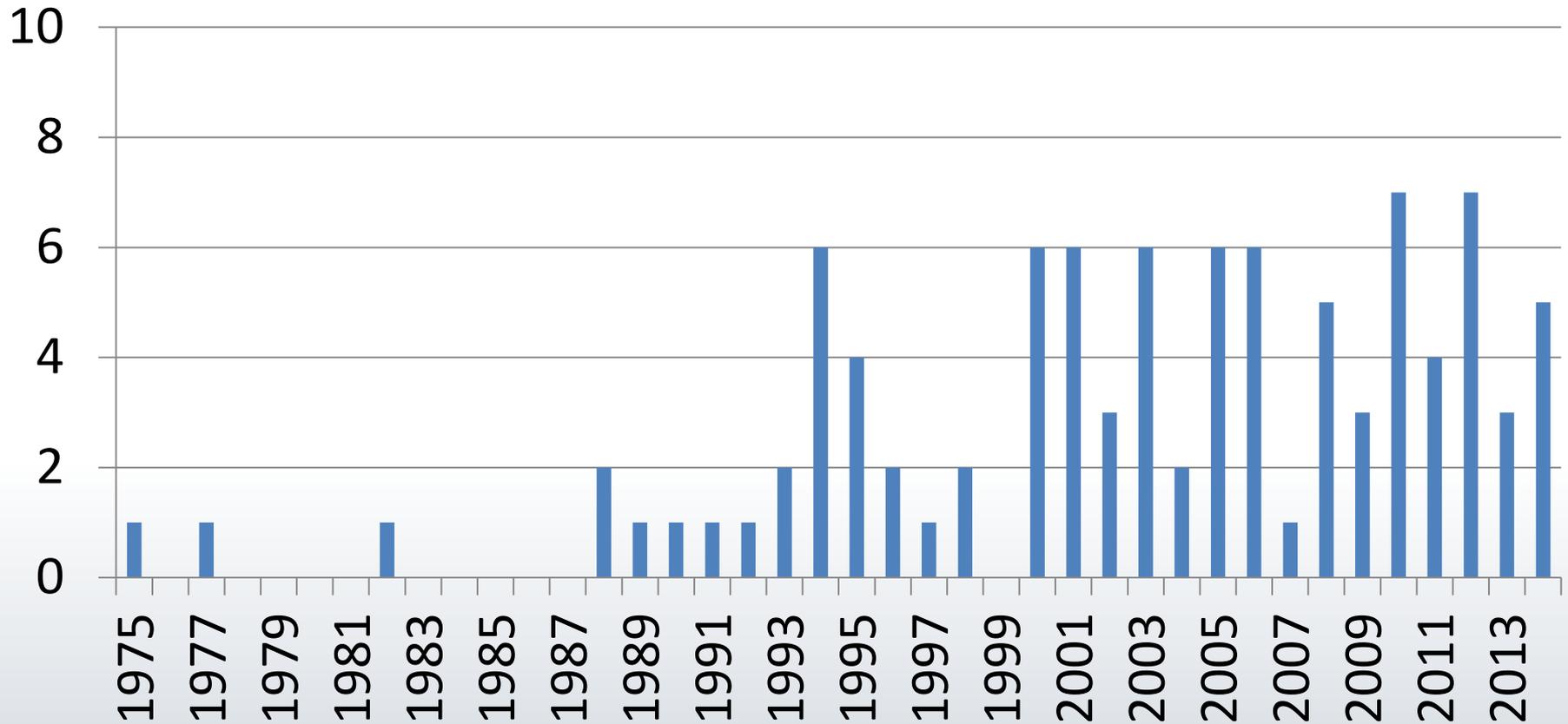
Number of articles



Caring related to mouth care

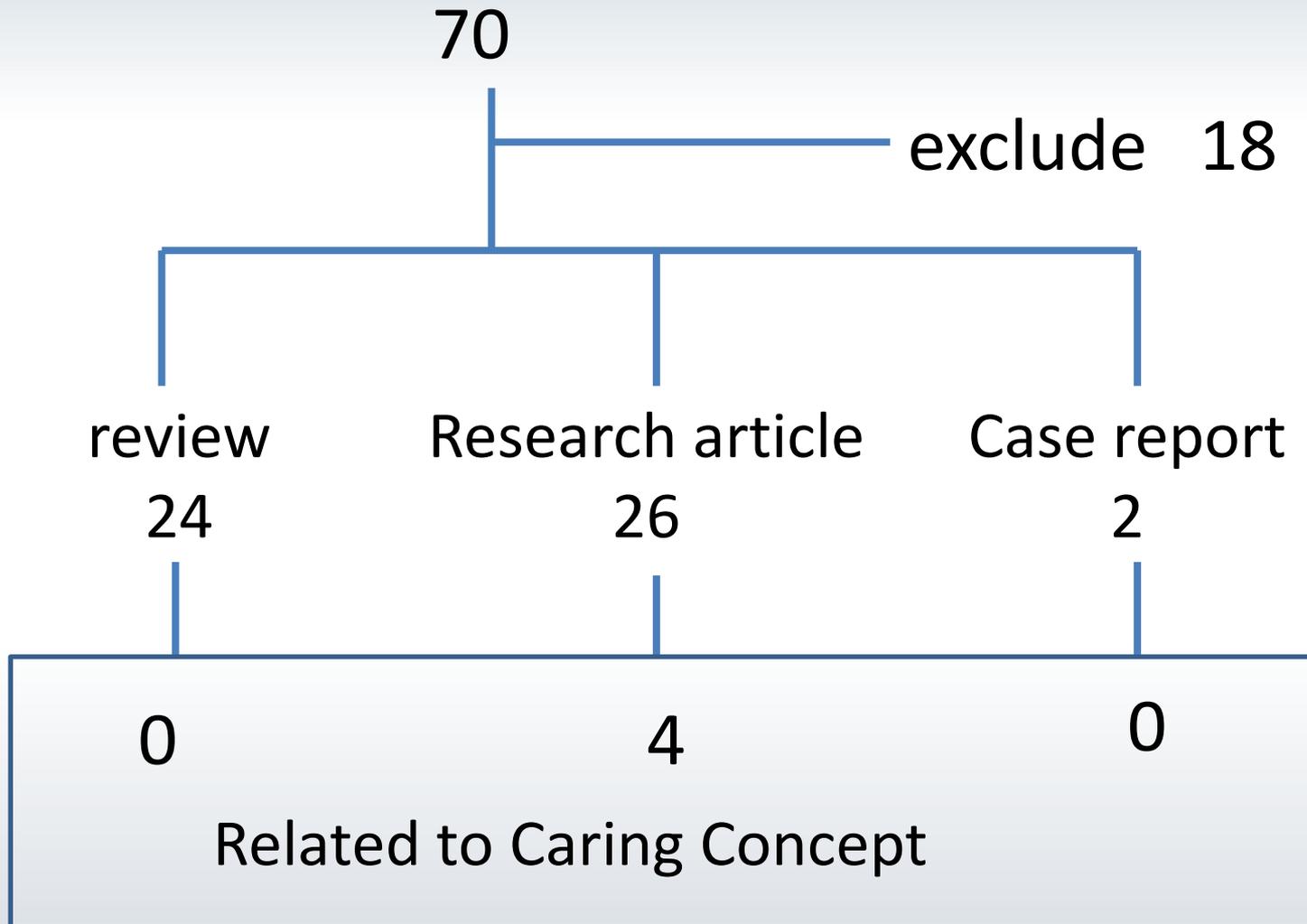
Number of articles

n=96



Articles related to caring and mouth care

2000–2014

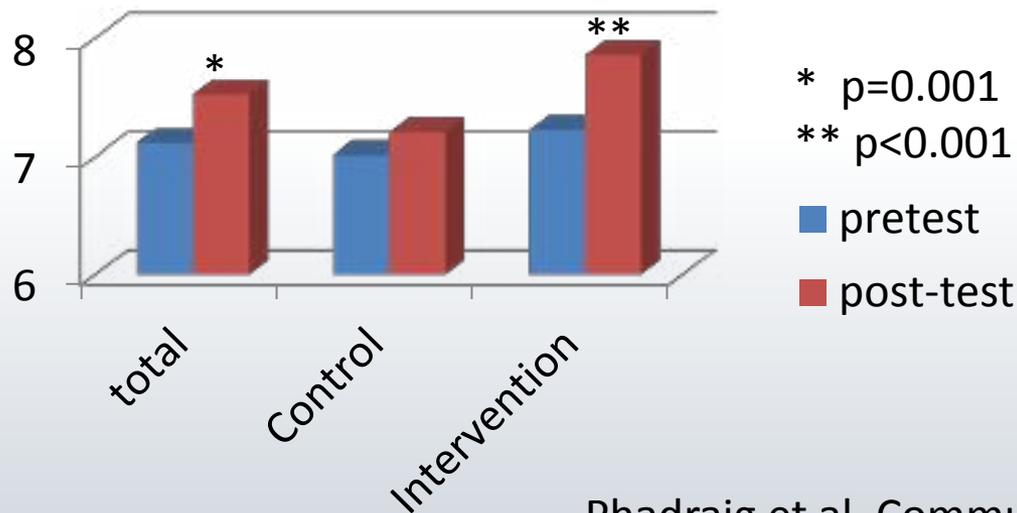


Articles related to caring and mouth care

article	subject	method	assessment
Roing M 2007	7 spouses of pts with a carcinoma of oral cavity	Phenomenological approach using a questionnaire	Analyze lived relations, body, space, and time altered according to the time course of cancer care
Jablonski RA 2009	202 nursing assistants	Questionnaire domains: beliefs and attitudes, practices, and knowledge	Evaluate caring factor using descriptive statistics
Sbaraini A 2012	17 pts received for the odontotherapy	Charmaz's grounded theory methodology, Questionnaire	From the relationship of a dentist and a pt, analyzes what pt value.
Chan EY 2012	244 nurses who work in intensive care or high care unit	Questionnaire domains: beliefs and attitudes, prevailing practices, and knowledge	Evaluate caring factor and its background using descriptive statistics

An article using caring in the outcome after intervention

article	subject	method	assessment
Phadraig CMG 2013	154care stuff caring for people with intellectual disability	RCT , intervention is the oral care education.	Outcome variables were measured using Questionnaire originally developed, domains: Knowledge, Behavior , Attitude, Self-efficacy



Results of search

- There were many articles (over 2000) which took up outcomes related to caring and end of life care, specifically for AIDS and cancer patients . There was little searched with the pair of caring and a mouth care at 70 affairs.
- Although there were four articles which carried out caring to the evaluation, the objects of the survey differed respectively.
- Four articles were found with caring, oral health, and caregivers as keywords. Caring was examined quantitatively in one of the articles (Mac Giolla Phadraig C, 2013) which evaluated the influence of mouth care education on care personnel at a nursing home.

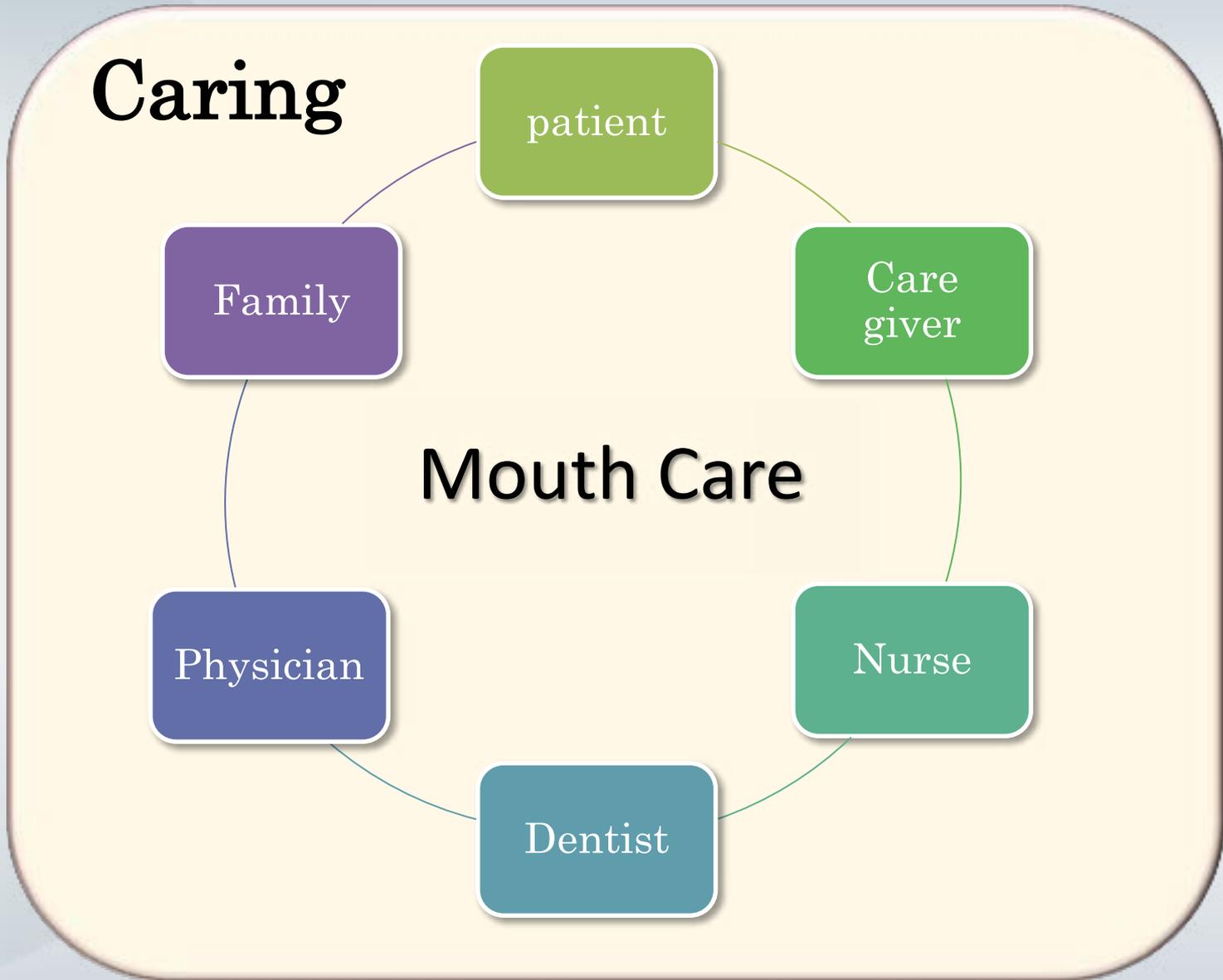
Major difficulties of caring research

1. A number of definition
2. Multiple type of subject
3. Complex qualitative analysis

Historical concept of caring

- Five Cs of caring ; Compassion, Competence, Confidence, Conscience, Commitment (Roach 1984)
- Transpersonal caring and the 10 carative factors; Humanistic-altruistic system of values, transpersonal teaching-learning, Human need assistance et.al (Watson 1985)
- Culture care diversity and universality (Leininger 1991)
- Caring is a human mode of being (Boykin & Schoenhofer 1993)

Paradigm of mouth care



Quantitative tool that measure Caring

Instrument	Reference	Type	items	Person completing	Administration time
Care-Q	Larson (1986)	Q-sort	50	Patients and nurses	26 min
CBA: Caring Behaviors Assessment	Cronin & Harrison (1988)	Likert	61	patients	
CBI: Caring Behaviors Inventory	Walf (1996)	Likert	75	Patients and nurses	6min
CARE/SAT: Caring satisfaction	Larson & Ferketich	VAS	71	Patients	6min



Conclusion

A few studies were found that quantitatively considered the relationship between mouth care and caring.