

HOME CARE NURSING INFORMATION BEHAVIOR

EXPANSION OF A KNOWLEDGE BASE IN A TIME OF PANDEMIC

IKOS Domain Analysis Clinic 4: Nursing Information Behavior: Richard P. Smiraglia, Edmund J.Y. Pajarillo, Elizabeth Milonas and Sergey Zhrebchevsky



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IKOS DAC 4: NURSING INFORMATION BEHAVIOR (NIB)

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THE DOMAIN ANALYSIS CLINIC METHODOLOGY

- “a focused, invitation only, research event ... to solve imminent, critical problems in the organization of knowledge.”
- “clinic:” focused on application
- Methodology:
 - Meta-analysis
 - Precise experimental methods for ontology extraction
 - Qualitative approaches as dictated by knowledge gaps
- Four DACS operating at present:
 - **DAC1: Meta-Analysis of Knowledge Organization:** generated the online “Formal Taxonomy of Knowledge Organization” <https://knoworg.org/a-formaltaxonomy-of-knowledge-organization-version-1-0/>
 - **DAC2: The Phenomena of Music for Classification:** stipulated new facets of musical phenomena to be incorporated in the Basic Concepts Classification.
 - **DAC3: Gay Male Nomenclatures:** frame the ontical problems of sociocultural phenomena of expression in gay male communities.
 - **DAC4: Nursing Information Behavior:** generated the online “CT-NIB Core Taxonomy of Nursing Information Behavior” <https://knoworg.org/a-coretaxonomy-of-nursing-information-behavior-ct-nibversion-1-1/>

Cf. Smiraglia (2021)

HOME CARE NURSING CONTINUES TO PLAY A FRONTLINE CRITICAL ROLE IN PANDEMIC HEALTH CARE

- Continuum of care
- Compact and widespread communities
- Care in their homes
- On the frontlines
- Hurdles
- Information needs as constant



THE “NUB” OF NURSING INFORMATION BEHAVIOR (NIB)

- Uncovering – awareness point for information need; identifying or clarifying what the need is
- Discovery – active information searching for leads or conduits; use of actual search processes; may be sequential or circuitous; finding answers to the information need
- Recovery – signifies end of search process; may include other sequential steps of analysis, processing, evaluation & use; also refers to the recoil phase



CORE TAXONOMY FOR NURSING INFORMATION BEHAVIOR CT-NIB

[HTTPS://KNOWORG.ORG/A-CORE-TAXONOMY-OF-NURSING-INFORMATION-BEHAVIOR-CT-NIB-VERSION-1-1/](https://knoworg.org/a-core-taxonomy-of-nursing-information-behavior-ct-nib-version-1-1/)

2.0 Core Taxonomy

CT-NIB 1.1				NANDA-I Nursing Diagnoses			
Facets	Subfacets	Phenomena	Glossary Definitions	Domain	Class	Diagnosis	Page
actions							
	interaction	negative correlation					
		nurses agreed					
		information encountering	Information encountering – an information behavior model defined as a memorable experience of an unexpected discovery of useful or interesting information (p. 473).				
		interaction between the nurse					
		interpersonal relations		11 – Safety/protection	3 – Violence	00140 – Risk for self-directed violence	462
				11 – Safety/protection	3 – Violence	00151 – Self-mutilation	463
				11 – Safety/protection	3 – Violence	00139 – Risk for self-mutilation	465
		patient interaction correlated positively					
		nurse and the patient					
	behavior	behavior of home care nurses					



PHENOMENA

3.0 Alphabetical list of Phenomena

Phenomena	Facets	Subfacets
adjuncts	agents	staff
agency	agents	entity
behavior of home care nurses	actions	behavior
care nurses	agents	staff
care planning	processes	processes
client	agents	patient
clinical practice	agents	governance
clinical specializations	care	skill
comfort and skill level	care	skill
comfortable and skillful	care	skill
community resources	resources	resource
components	resources	resource
computer issues	agents	influencers
conduits	agents	influencers
contextual background	care	information
core processes	processes	processes
correlated positively	actions	interaction
critical thinking	processes	processes
daily stressors	agents	influencers
data gathering	care	information
discharge	care	occurrence
discovery	care	information
drug reference	care	information
education	care	information
electronic mail	resources	tool
environmental scanning	processes	processes
expertise in other clinical	care	skill
factors	agents	influencers
family members	agents	patient
figure	care	information
findings	care	information
framework	processes	processes
frequently occurring information	care	information
full-time nurses	agents	staff

FACETS

actions

care

resources

agents

processes

place



MAPPINGS

- Glossary Pajarillo (2005)
- NANDA International. 2018. Nursing Diagnoses: Definitions and Classification 2018-2020, ed. T. Heather Herdman and Shigemi Kamitsuru. 11th ed. New York: Thieme.

CT-NIB 1.1				NANDA-I Nursing Diagnoses			
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A COLLECTION OF VIDEOS WAS COMPILED, TRANSCRIPTS WERE GENERATED AND SUBJECTED FIRST TO CO-WORD ANALYSIS AND THEN THE NARRATIVE ANALYSIS

Nurses who go into homes to care for COVID-19 patients



Nurses who go into homes to care for COVID-19 patients

352 views • Apr 16, 2020

👍 2 🗨️ 0 ➦ SHARE ≡+ SAVE ⋮

SUBSCR

Report

Open transcript

00:00 now we continue to see nurses on the
00:02 frontlines at hospitals and now we're
00:04 hearing from two who go into homes every
00:06 day to care for covid 19 patients Jen
00:09 basurin has their story
00:11 caring for covid 19 patients coming home
00:14 I have to say that every day that a
00:16 patient comes home to home care I do a
00:19 high five fifty eight euro Ruth a
00:21 Casallero is a nurse with visiting nurse
00:23 a service of New York
00:24 she's been caring for patients

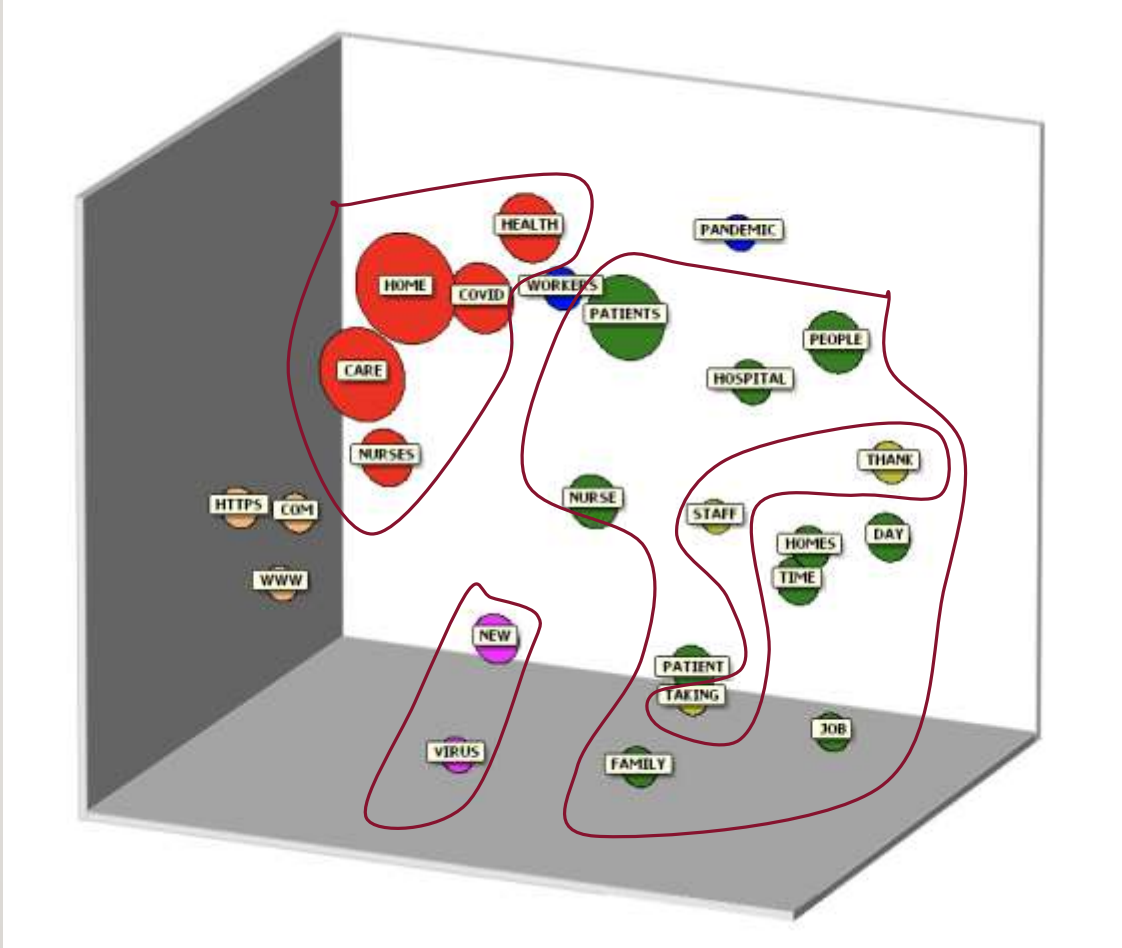
English (auto-generated)

<https://www.youtube.com/watch?v=ZalaC9N6el8>

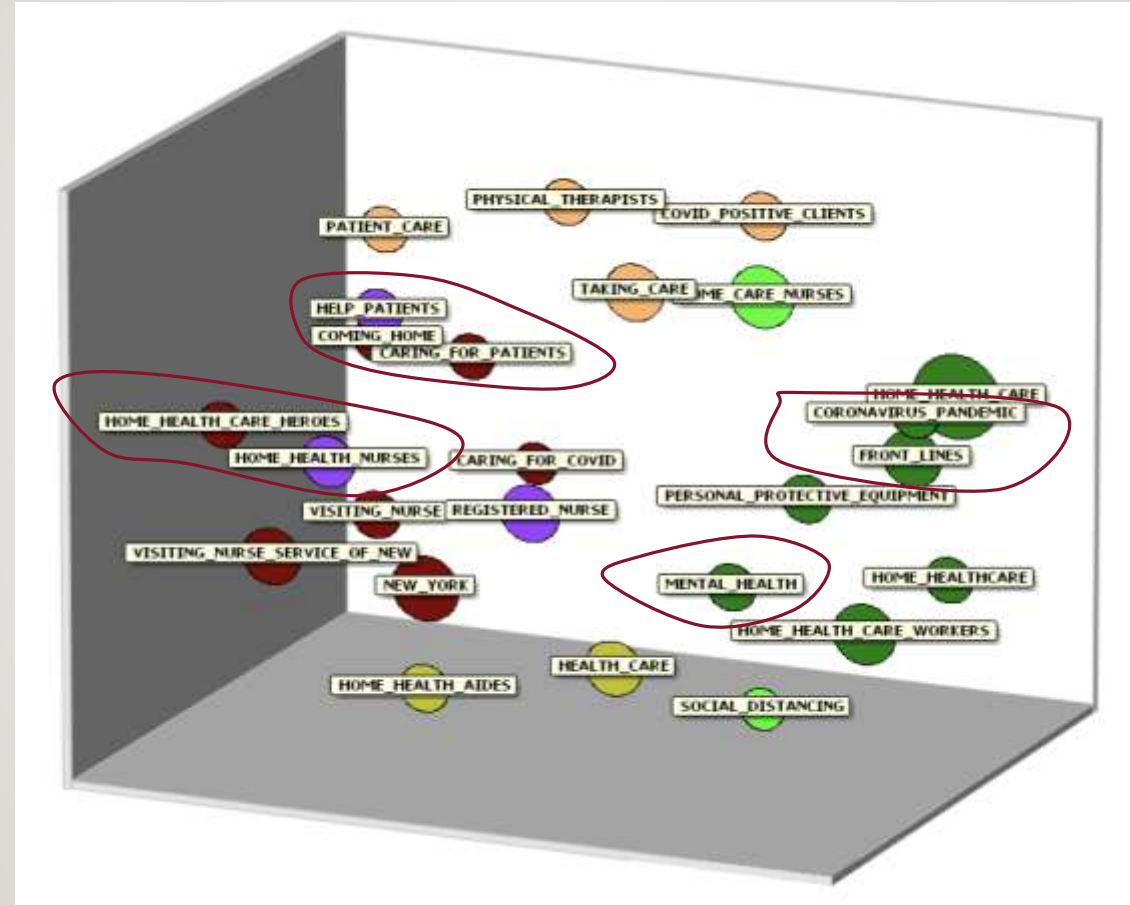


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PANDEMIC VOCABULARY JOINS HOME CARE TAXONOMY

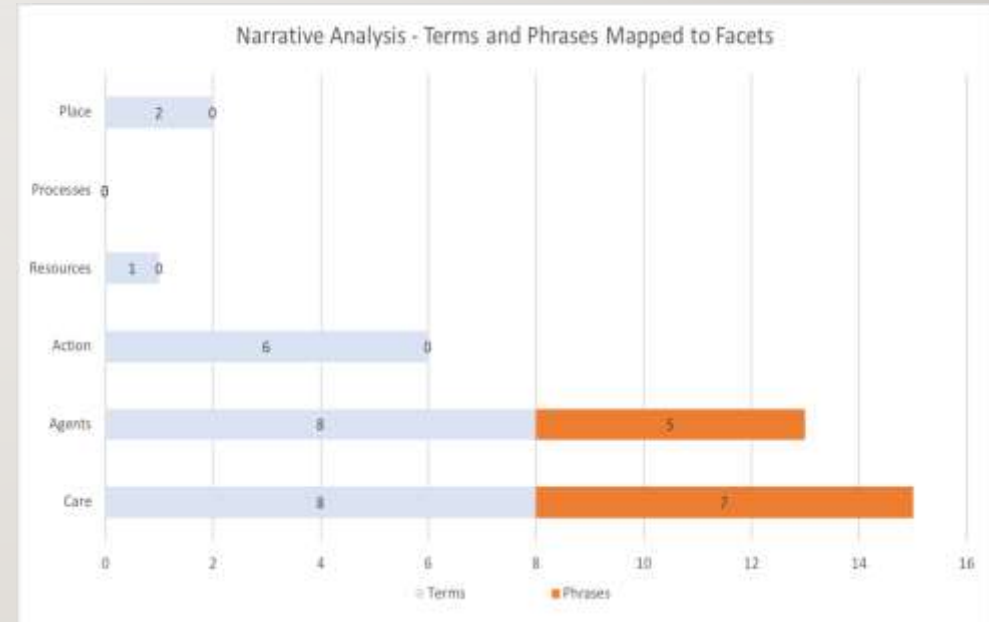


WITH EMOTIONAL CONTOURS: CARING, HEROES, FRONTLINE, MENTAL HEALTH

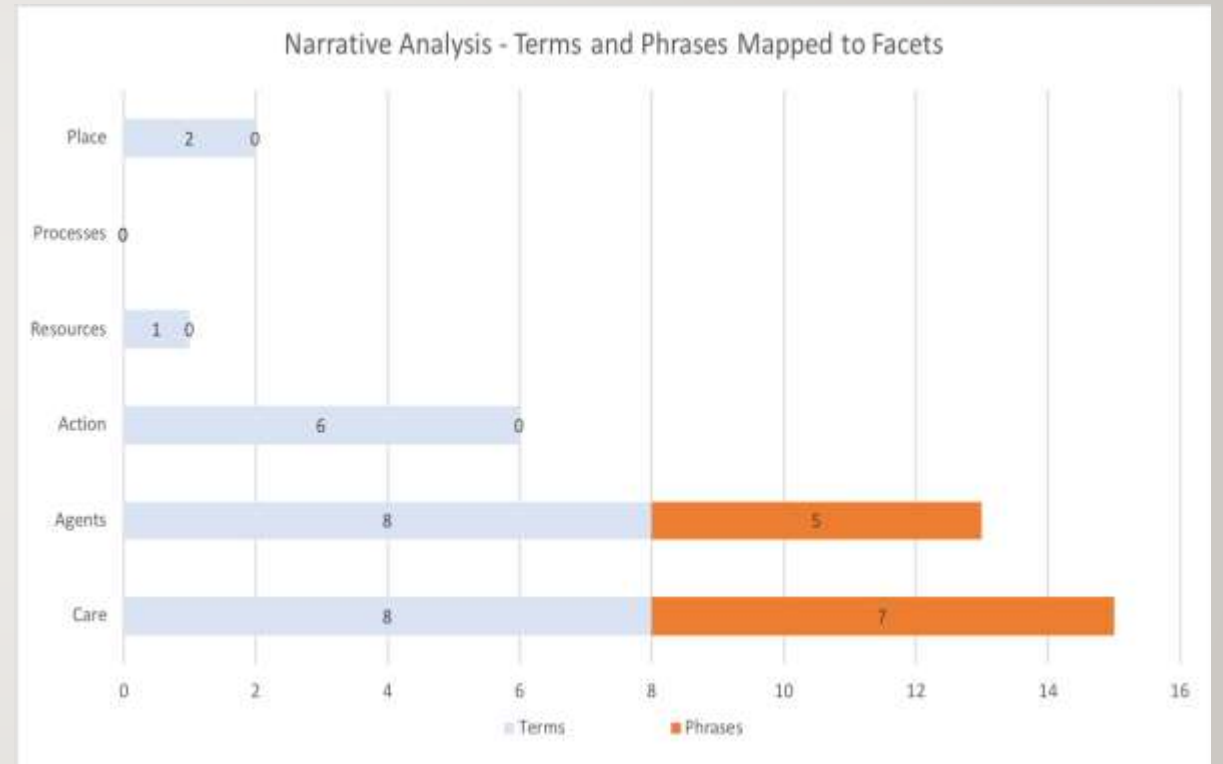
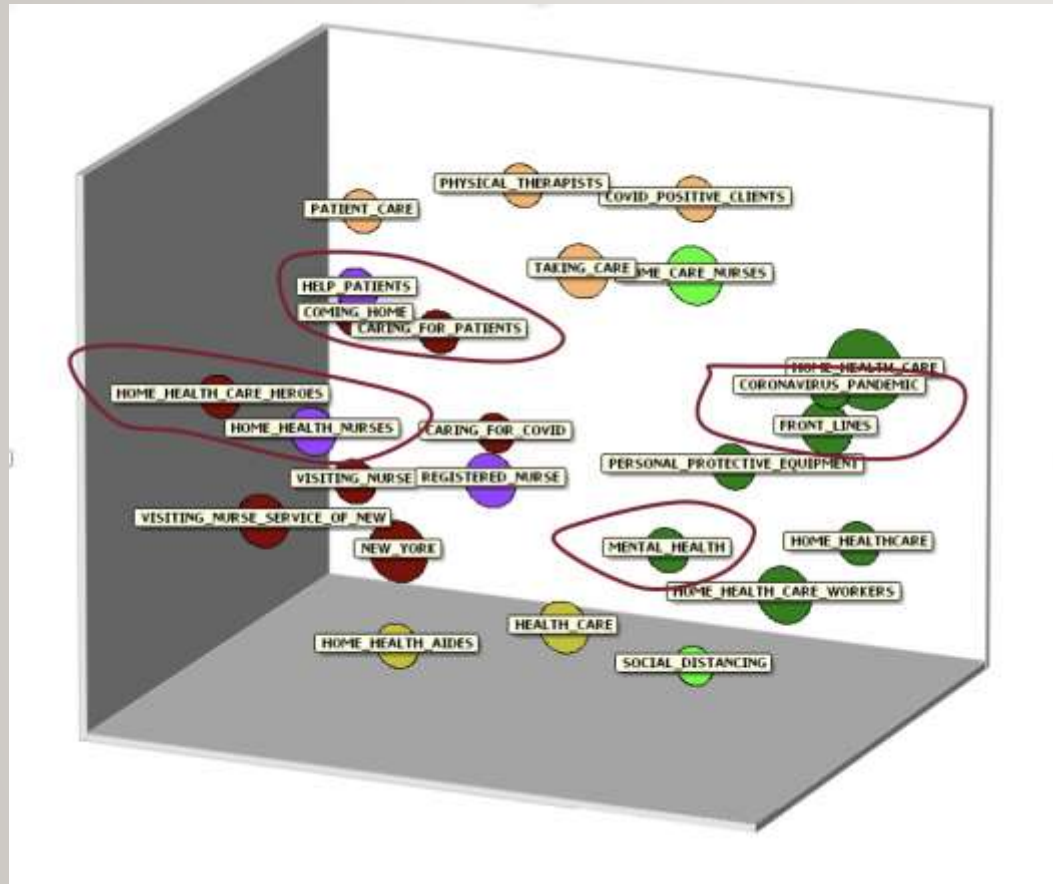


NARRATIVE ANALYSIS POINTS TO NEW CONTOURS FOR THE KNOWLEDGE BASE

- Narrative Analysis Profile:
 - The two prominent themes in the narratives related to home nursing during the Covid pandemic is the care given (Care facet) and those who administer and/or received care (Agents facet).



PANDEMIC VOCABULARY JOINS NIB TAXONOMY THROUGH EMOTIONAL LAYER



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