Data Coding Guide

(First version: December 2020 - Updated: May 2021)

The design of this data coding guide is essentially inspired by the research question, its PICOs (Population/Intervention/Comparison/Outcome/setting) of the systematic review and the initial rough theories constituted in a form of CMO (Context-Mechanism-Effect) configurations for the realistic synthesis.

As more than two-thirds (2/3) of the writings are published in English, the data will be extracted directly in this language in order to reduce discordances related to the translation or interpretation of texts.

Given the complexity of community-based interventions in health and social care, the empirical data extracted are structured around criteria analysis divided as characteristics groups. These characteristics are declined in variables (or components) that are subject to be mutually inclusive and exhaustive modalities, each category taking into account with all the possible answers. Within a specific section, several modes associated with the same component may be selected simultaneously, in line with the multifaceted complexity of ICC.

The first section of the guide characterises the typology of the different publications (scientific studies and grey literature) used in the systematic review on ICC (community-based interventions deployed by the public health care and social care network, alone or in partnership). The sections on the intervention, its operation, contexts, mechanisms and outcomes specify the different components of the evidence extracted from the selected publications.

A data extraction grid has been designed to support the extraction process, particularly of contextual data (1st part of the codification guide, for the systematic review). The empirical statements of the CMO configurations are directly recorded in an additional tool to simplify the analysis of causal relations related to the evidence extracted from selected publications and considered as evidence (2nd part of the codification guide, for the realistic synthesis).

Within a realistic logic (realistic synthesis), the mechanism is at the heart of the intervention process. The mechanism is real, but hidden. It is underlying (happens in the heads of the actors) and therefore not directly observable. Indeed, the relevant mechanisms cannot be identified without reference to the outcomes just as important aspects of the context cannot be identified without reference to the mechanisms. Therefore, data related to mechanism will be at the heart of the extraction process and will ultimately provide elements to answer the research question: how, why, for whom, and in what contexts do ICCs deployed by the public health and social care work and produce outcomes?

The definition of the preliminary code structure is based on a deductive approach that integrates concepts already well known in the literature associated with integrated community care (ICC).

PART 1 - CONTEXTUALS DATAS

VARIABLE OF INTEREST (or component)	NAME OF VARIABLES	DESCRIPTION	MODES	COMMENTS (explanation or clarification)
Section Charact	eristics of the publica	tion		
no_publication	Code number	Code number associated with the publication included.	enter the code number associated with the included publication	
author	First author	Name of the main author.	describe as indicated in the publication	
year	Year	Year of publication.	describe as indicated in the publication	
title	Title	Title of the publication.	describe as indicated in the publication	
language	Publication language	Specify the language of publication of the full article.	English French Italian Other (specify)	
extractors	Datas extractors	Write the initials of the people who do the data extraction and coding.	Enter the initials of data extractors	
country	Country	Country where the study was carried out.	Australia Canada Spain United states of America France Italy Japan England Scotland Transnational Other (specify)	Write nd if not declared.
period	Time period	Describe the period to which the publication refer.	health crisis systemic reform change of political regime other (specify)	Write ns if not specified.
source	Source	Specify the source of selection of the retained publication.	databases snowball method other (specify)	
publication	Type of publication included	Describe the type of publication included.	scientific paper scientific report	Source : Quatrième Conférence internationale sur la

design of scientific studies only.cross-sectional study focus group study interview studythe development of NICE public health guidance (third edition): Process and methods - Appendix D Glossary of study designsD Glossary of study participant observation pre-post study survey systematic review not scienific publicationhttps://www.nice.org uk/process/pmg4/ch apter/appendix-d- glossary-of-study- designs	VARIABLE OF INTEREST	NAME OF VARIABLES	DESCRIPTION	MODES	COMMENTS (explanation or
studyqualitative scientific study included.case study exploratory study framework study policy or guideline document qualitative evaluation research protocol other (specify)(2018) Mixed Methods Appraisal Tool et Royer (2016) 	(or component)		 article published in a peer-reviewed scientific journal or magazine. Grey Literature: What is produced by all levels of government, public education and research, commerce and industry, in paper or digital format, and which is not controlled by commercial 	conference abstract thesis or memoir	littérature grise (Fourth International Conference on Grey Literature), Washington, DC,
mixed_studyType of mixed studyCategories of mixed scientific study included.descriptive study case study research and evaluation protocol evaluative research other (specify)Source : Hong et coll. (2018) Mixed Methods Appraisal TooldesignType of designDescribe the type of design of scientific studies only.before-and-after (BA) studies cross-sectional study interview study longitudinal studies 	qualitative_study		Category of the qualitative scientific	case study exploratory study framework study policy or guideline document qualitative evaluation research protocol	(2018) Mixed Methods Appraisal Tool et Royer (2016) Peut-on fixer une typologie des méthodes gualitatives? Write na if not
designType of designDescribe the type of design of scientific studies only.before-and-after (BA) studies cross-sectional study focus group study interview study longitudinal studies meta-analysis non-participant observation participant observation pre-post study survey systematic review not scienific publicationSource : Methods for the development of NICE public health guidance (third edition): Process and methods - Appendix D Glossary of study designs	mixed_study		scientific study	case study research and evaluation protocol evaluative research	Source : <u>Hong et coll.</u> (2018) Mixed Methods Appraisal Tool Write na if not
grey_litterature Type of grey Categories of grey ministries or public entities Write na if not			design of scientific studies only.	cross-sectional study focus group study interview study longitudinal studies meta-analysis non-participant observation participant observation pre-post study survey systematic review not scienific publication other (specify)	Source : Methods for the development of NICE public health guidance (third edition): Process and methods - Appendix D Glossary of study designs <u>https://www.nice.org</u> <u>.uk/process/pmg4/ch</u> <u>apter/appendix-d-</u> <u>glossary-of-study-</u> <u>designs</u>

VARIABLE OF INTEREST	NAME OF VARIABLES	DESCRIPTION	MODES	COMMENTS (explanation or
(or component)	literature	literature included.	(reference framework, policy or orientation document, public report, action plan, etc.). academic (evaluation report, support guide, scientific opinion, etc.). private sector (private foundations, professional associations, etc.) community-based organisations civil society (civil and citizen organisations) other (specify)	clarification) applicable.
approach	Intervention approach	Describe the privileged intervention approach.	localized community health care localized community social care integrated community- care other (specify)	
focus	Local intervention focus (axis)	Describe the preferred area of intervention.	implementing an intervention intervening in proximity managing an intervention other (specify)	
Section Characte	ristics of the actors of	of the intervention (BY	WHOM: ACTORS)	
initiators	Intervention initiators	Describe the public and private sector, community and civil society actors instigating the intervention.	<pre>world organization transnational corporation government or public organisation of nation - state - region municipal - local government or public entity ministry or public entity of healthcare ministry or public entity of social care ministry or public entity of employment - poverty - social solidarity ministry or public entity of education ministry or public entity of security public entity of social housing academic and research institutions NGOs and community-based organisations (non-profit cooperatives) civic entities (neighbourhood-</pre>	Write nd if not declared.

VARIABLE OF INTEREST (or component)	NAME OF VARIABLES	DESCRIPTION	MODES	COMMENTS (explanation or clarification)
			senior-user's associations) social economy organisations (profit cooperatives,) private corporations (family physician group, private clinics,) other (specify)	
promotors	Promoters of intervention	Describe public and private sector, community and civil society actors (health care and social services providers, care managers, elected representatives, others technicians and professionals) leading the intervention.	<pre>world organization transnational corporation government or public organisation of nation - state - region municipal - local government or public entity ministry or public entity of healthcare ministry or public entity of social care ministry or public entity of employment - poverty - social solidarity ministry or public entity of education ministry or public entity of public security public entity of social housing academic and research institutions NGOs and community-based organisations (non-profit cooperatives) civic entities (neighbourhood- senior-user's associations) social economy organisations (profit cooperatives,) private corporations (family physician group, private clinics,) other (specify)</pre>	Write nd if not declared.
financers	Financers of intervention	Describe funding sources of the intervention.	world organization transnational corporation government or public organisation of nation - state - region municipal - local government or public entity ministry or public entity of healthcare ministry or public entity of social care	Write nd if not declared.

VARIABLE OF INTEREST (or component)	NAME OF VARIABLES	DESCRIPTION	MODES	COMMENTS (explanation or clarification)
(or component)	Cross-sectoral partners of intervention	Describe the partners of the intervention: public and private sector, community and civil society groups engaged in cross- sectoral action to address health and its social determinants.	ministry or public entity of employment - poverty - social solidarity ministry or public entity of education ministry or public entity of public security public entity of social housing academic and research institutions NGOs and community-based organisations (non-profit cooperatives) civic entities (neighbourhood- senior-user's associations) social economy organisations (profit cooperatives,) private corporations (family physician group, private clinics,) other (specify) world organization transnational corporation government or public organisation of nation - state - region municipal - local government or public entity ministry or public entity of healthcare ministry or public entity of social care ministry or public entity of education ministry or public entity of social solidarity ministry or public entity of education ministry or public entity of public entity of social care ministry or public entity of public entity of social community-based organisations (non-profit cooperatives) civic entites (neighbourhood- senior-user's associations) social economy organisations (profit cooperatives)	Vrite nd if not declared.

VARIABLE OF INTEREST (or component)	NAME OF VARIABLES	DESCRIPTION	MODES	COMMENTS (explanation or clarification)
			<pre>private corporations (family physician group, private clinics,) other (specify)</pre>	
collaborators	Collaborators (people) working as providers, managers or researchers within the health and social care network	Describe the various professionals, managers and researchers from the public network, the other sector who work collaboratively in the intervention.	general practitioners (family physicians and paediatricians) medical specialists neighbourhood pharmacists paramedics nurses health therapeutic services (physiotherapists, psychotherapists, ergotherapists,) community animators/organizers psychosocial workers (mental health, youth, elders, social workers,) outreach workers development workers researchers/students-researchers (research and academic institutions) care team managers (health and social care) administrative and technical manager other (specify)	Write nd if not declared.
Section Characte	ristics of the target p	opulation (FOR WHON	1: BACKGROUND)	
for_whom	Target population	All or important groups of the population of the targeted intervention area	all people of the community economically deprived people (low income, material poverty,) social vulnerable people (single, divorced or widowed) people with major health problems and long-term illnesses (chronically ill or bedridden people) people with a functional limitation (disability or loss of autonomy) people with a mental health problem elderly population (with social and economic deprivation, with or no illnesses and disabilities, with complex needs) people not reached by the traditional health and social care	Write nd if not declared.

VARIABLE OF	NAME OF	DESCRIPTION	MODES	COMMENTS
INTEREST	VARIABLES			(explanation or
(or component)				clarification)
			services and with chronic and	
			complex conditions (marginalized,	
			homebound patients, homeless,	
			roofless, without permanent	
			residence, without status,	
			precarious immigration status,	
			illegal drug users, sex trade workers,	
)	
			cultural or ethnic group (immigrant,	
			indigenous, refugee, asylum seeker,	
			racial/ethnic minority,)	
			families living in vulnerable	
			situations with multiple and	
			complex needs (children under 17	
			years old, mother under 20 years	
			old, one parent with a dependency,	
			mental health or intellectual	
			disability problem, abuse/neglect,	
			vulnerable single parents, residents	
			of social housing,)	
			other (specify)	
Section Characte	ristics of the interve	ntion area (WHERE - BA	ACKGROUND)	
Section Characte	ristics of the interve	ntion area (WHERE - BA Describe the	ACKGROUND) underserved communities	Write "yes" if there
	1	Describe the intervention area in	underserved communities (medically and social care	are many, "no" if
	1	Describe the intervention area in terms of the services	underserved communities (medically and social care disadvantaged communities)	are many, "no" if there are none and
	1	Describe the intervention area in terms of the services availability,	underserved communities (medically and social care disadvantaged communities) rural or remote areas (distant and	are many, "no" if there are none and "a little" if there are
	1	Describe the intervention area in terms of the services availability , particularly public	underserved communities (medically and social care disadvantaged communities) rural or remote areas (distant and vast, small community, isolated,)	are many, "no" if there are none and
	1	Describe the intervention area in terms of the services availability,	underserved communities (medically and social care disadvantaged communities) rural or remote areas (distant and vast, small community, isolated,) urban and multi-problematic local	are many, "no" if there are none and "a little" if there are not enough.
	1	Describe the intervention area in terms of the services availability , particularly public	underserved communities (medically and social care disadvantaged communities) rural or remote areas (distant and vast, small community, isolated,) urban and multi-problematic local area (deprived neighborhood, urban	are many, "no" if there are none and "a little" if there are not enough. Write nd if not
	1	Describe the intervention area in terms of the services availability , particularly public	underserved communities (medically and social care disadvantaged communities) rural or remote areas (distant and vast, small community, isolated,) urban and multi-problematic local area (deprived neighborhood, urban metropolitan area,)	are many, "no" if there are none and "a little" if there are not enough.
	1	Describe the intervention area in terms of the services availability , particularly public	underserved communities (medically and social care disadvantaged communities) rural or remote areas (distant and vast, small community, isolated,) urban and multi-problematic local area (deprived neighborhood, urban metropolitan area,) densely populated	are many, "no" if there are none and "a little" if there are not enough. Write nd if not
	1	Describe the intervention area in terms of the services availability , particularly public	underserved communities (medically and social care disadvantaged communities) rural or remote areas (distant and vast, small community, isolated,) urban and multi-problematic local area (deprived neighborhood, urban metropolitan area,) densely populated unpopulated	are many, "no" if there are none and "a little" if there are not enough. Write nd if not
	1	Describe the intervention area in terms of the services availability , particularly public	underserved communities (medically and social care disadvantaged communities) rural or remote areas (distant and vast, small community, isolated,) urban and multi-problematic local area (deprived neighborhood, urban metropolitan area,) densely populated unpopulated available public health and social	are many, "no" if there are none and "a little" if there are not enough. Write nd if not
	1	Describe the intervention area in terms of the services availability , particularly public	underserved communities (medically and social care disadvantaged communities) rural or remote areas (distant and vast, small community, isolated,) urban and multi-problematic local area (deprived neighborhood, urban metropolitan area,) densely populated unpopulated available public health and social care services (hospitals, health	are many, "no" if there are none and "a little" if there are not enough. Write nd if not
	1	Describe the intervention area in terms of the services availability , particularly public	underserved communities (medically and social care disadvantaged communities) rural or remote areas (distant and vast, small community, isolated,) urban and multi-problematic local area (deprived neighborhood, urban metropolitan area,) densely populated unpopulated available public health and social care services (hospitals, health centres,)	are many, "no" if there are none and "a little" if there are not enough. Write nd if not
	1	Describe the intervention area in terms of the services availability , particularly public	underserved communities (medically and social care disadvantaged communities) rural or remote areas (distant and vast, small community, isolated,) urban and multi-problematic local area (deprived neighborhood, urban metropolitan area,) densely populated unpopulated available public health and social care services (hospitals, health centres,) availability of other health and	are many, "no" if there are none and "a little" if there are not enough. Write nd if not
	1	Describe the intervention area in terms of the services availability , particularly public	underserved communities (medically and social care disadvantaged communities) rural or remote areas (distant and vast, small community, isolated,) urban and multi-problematic local area (deprived neighborhood, urban metropolitan area,) densely populated unpopulated available public health and social care services (hospitals, health centres,) availability of other health and social services (pharmacies, private	are many, "no" if there are none and "a little" if there are not enough. Write nd if not
	1	Describe the intervention area in terms of the services availability , particularly public	underserved communities (medically and social care disadvantaged communities) rural or remote areas (distant and vast, small community, isolated,) urban and multi-problematic local area (deprived neighborhood, urban metropolitan area,) densely populated unpopulated available public health and social care services (hospitals, health centres,) availability of other health and social services (pharmacies, private clinics,)	are many, "no" if there are none and "a little" if there are not enough. Write nd if not
	1	Describe the intervention area in terms of the services availability , particularly public	underserved communities (medically and social care disadvantaged communities) rural or remote areas (distant and vast, small community, isolated,) urban and multi-problematic local area (deprived neighborhood, urban metropolitan area,) densely populated unpopulated available public health and social care services (hospitals, health centres,) availability of other health and social services (pharmacies, private clinics,) availability of community resources	are many, "no" if there are none and "a little" if there are not enough. Write nd if not
	1	Describe the intervention area in terms of the services availability , particularly public	underserved communities (medically and social care disadvantaged communities) rural or remote areas (distant and vast, small community, isolated,) urban and multi-problematic local area (deprived neighborhood, urban metropolitan area,) densely populated unpopulated available public health and social care services (hospitals, health centres,) availability of other health and social services (pharmacies, private clinics,) availability of community resources (health and social care, social	are many, "no" if there are none and "a little" if there are not enough. Write nd if not
	1	Describe the intervention area in terms of the services availability , particularly public	underserved communities (medically and social care disadvantaged communities) rural or remote areas (distant and vast, small community, isolated,) urban and multi-problematic local area (deprived neighborhood, urban metropolitan area,) densely populated unpopulated available public health and social care services (hospitals, health centres,) availability of other health and social services (pharmacies, private clinics,) availability of community resources (health and social care, social housing, place meeting,)	are many, "no" if there are none and "a little" if there are not enough. Write nd if not
	1	Describe the intervention area in terms of the services availability , particularly public	underserved communities (medically and social care disadvantaged communities) rural or remote areas (distant and vast, small community, isolated,) urban and multi-problematic local area (deprived neighborhood, urban metropolitan area,) densely populated unpopulated available public health and social care services (hospitals, health centres,) availability of other health and social services (pharmacies, private clinics,) availability of community resources (health and social care, social housing, place meeting,) other availability public services	are many, "no" if there are none and "a little" if there are not enough. Write nd if not
	1	Describe the intervention area in terms of the services availability , particularly public	underserved communities (medically and social care disadvantaged communities) rural or remote areas (distant and vast, small community, isolated,) urban and multi-problematic local area (deprived neighborhood, urban metropolitan area,) densely populated unpopulated available public health and social care services (hospitals, health centres,) availability of other health and social services (pharmacies, private clinics,) availability of community resources (health and social care, social housing, place meeting,)	are many, "no" if there are none and "a little" if there are not enough. Write nd if not

VARIABLE OF		DESCRIPTION	MODES	COMMENTS
INTEREST (or component)	VARIABLES			(explanation or clarification)
(or component)			economic services available in the	Clarification)
			area (restaurants, bars, banks,	
			shops, supermarket,)	
			place where people reside and live	
			on a daily basis	
			geographically perceived identity	
			heritage	
			other (specify)	
Section Characte	ristics of the context	t of the intervention (IN		
general_context	General context of	Describe the external	institutional barriers (institutional	Write nd if not
	intervention	factors that may	framework)	declared.
		influence the	institutional facilitators	
		intervention (barriers	(institutional framework)	
		and facilitators).	political barriers (political support)	
			political facilitators (political	
			support)	
			economic barriers (economic	
			constraints)	
			economic facilitators	
			environmental barriers (natural	
			barriers, ecosystems)	
			environmental facilitators (natural	
			barriers, ecosystems)	
			social barriers (cohesion and	
			interpersonal relations)	
			social facilitators (cohesion and	
			interpersonal relations)	
			cultural barriers (cultural influence)	
			cultural facilitators (cultural	
			influence)	
			demographic barriers (structure and	
			dynamics)	
			demographic facilitators (structure	
			and dynamics)	
			other (specify)	
challenge_care_a	Problematic	Describe the	few service points available (lack of	Write nd if not
cces_availibility	situations of access	problematic situations	service providers,)	declared.
	and availability	related to the access	limited number of social, training	
		and availability of care	and recreational spaces	
		and services on which	not enough spaces for professional	
		the intervention wants	help support and collective	
		to act in order to meet	reflections	
		the needs of the	lack of support from local elected	
		population (need to be	representatives (financial, materials,	

VARIABLE OF	NAME OF	DESCRIPTION	MODES	COMMENTS
INTEREST	VARIABLES			(explanation or
(or component)				clarification)
INTEREST		DESCRIPTION met or fulfilled, problem to be solved and situation to be improved).) lack of knowledge or understanding of strategic and governance managers on services in proximity to populations problematic gateways (too diverse, difficult to access, complex to understand, substantial structural barriers,) challenge of renewing professionals (non-favorable working conditions for professionals) lack of resources for outreach services (outreach health and social care workers) inadequate and insecure care environment for vulnerable people with chronic and complex needs and a criminal record (co-location of services common: ex.: public health clinics sharing a same building with police, one building housing for many different agencies and services) healthcare and social care geographically distant from the people who are difficult to reach by the health system (unattached patients, marginalized, with complex or highly specialized needs, living on the street or homeless, illegal immigrants, paperless, drug addicts, administrative hassles, language barriers, financial issues,) failure to take care of patients in vulnerable health situations (elderly and disabled persona, chronically ill, bedridden people,)	(explanation or
			unanswered health care and social care needs financing challenge other (specify)	
challenge_care_c	Problematic	Describe the	access to episodic and low-quality	Write nd if not
ontinuity_quality	situations of	problematic situations	care (quality)	declared.
	continuity and	related to the	access to discontinuous healthcare	

VARIABLE OF	NAME OF	DESCRIPTION	MODES	COMMENTS
INTEREST (or component)	VARIABLES			(explanation or clarification)
	quality	continuity and quality of health and social care services on which the intervention wants to act in order to meet the needs of the population (need to be met or filled, problem to be solved and situation to be improved).	and social care trajectories (continuity : financial and operational challenges) access to fragmented healthcare and social care delivered (uncoordinated care between primary care on a same area : integration multiple professionals and partners, hospitals, emergency rooms, pharmacies and other sources of care) lack of community-based intervention unflexible intervention practices (not adapted to the realities and needs) limits of mono-disciplinary practices (complex needs) limited competences to act on complex realities (individuals and groups) conciliate the complex needs of patients with the requirements of professionals and health authorities unclear knowledge of principles and strategies of proximity intervention unflexible management practices/accountability poorly adapted to the specificity of proximity intervention patient engagement challenge other (specify)	
issues	Intervention issues (strengths, weaknesses or not applicable)	Describe the issues related to the implementation, practice and management of community-based intervention.	understanding of the territory of intervention (geographic, lived, perceived and conceived) understanding lifestyles and needs of the population (residents' needs, professional expectations, social capital, civic engagement, empowerment, demographic structure and dynamics,) supply of health care and social care organization matching with realities and needs (development of	Write " yes " if force, " no " if challenge and " na " if not applicable.

VARIABLE OF	NAME OF	DESCRIPTION	MODES	COMMENTS
INTEREST	VARIABLES			(explanation or
(or component)				clarification)
			a continuum of care and services,	
			organizational innovation and	
			cultural change : patient education,	
			care coordination, preventive care	
			provided by a team,)	
			community-based care (integration	
			of health care and social care,	
			coordination between systems that	
			cover different geographical areas	
			or different level on service	
			intensity,)	
			sustainability of health care and	
			social care delivery	
			place of health care and social care	
			delivery (accessible, convivial and	
			safe environment for users,)	
			mobilization of resources (financial,	
			material and technical)	
			renewal of healthcare et social care	
			workers (professionals and	
			managers)	
			interdisciplinary collaboration	
			(team working, coordination of	
			interdisciplinary practices, mutual	
			aid,)	
			cross-sectoral partnership	
			(involvement of several sectors,	
			stable partnership, active	
			community participation in deciding	
			on care provision and resource	
			allocation, patient engagement,	
			cross-sectoral coordination,	
			establishment of facilitating	
			structures,)	
			personalised and flexible	
			intervention (people-centred care,	
			outreach approach,)	
			temporality question (services	
			delivery, patient involvement,)	
			other (specify)	
Section Characte	ristics of the activit	ies and strategy interve	ntion (HOW)	
health_care_acti	Health care	Describe the health	consultation	Write nd if not
vities	activities of ICC	activities or outputs	tracking/testing	declared.
		associated to the ICC	medical and nursing care	

VARIABLE OF INTEREST (or component)	NAME OF VARIABLES	DESCRIPTION	MODES	COMMENTS (explanation or clarification)
social_care_activ	Social care	Describe the social	care promotion preventive care information and sensitization (care professionals and target population) connection to intervention resources (referrals to other specialty services intern and extern) self-care/empowerment support other (specify) consultation	Write nd if not
ities	activities of intervention approach	activities or outputs associated to the ICC	care promotion prevention care information and sensitization (care professionals and target population) filling out forms (financial support,) connection to intervention resources (referrals to other specialty services intern and extern) psychosocial support and coaching (group or individual) support for collective mobilization (social or recreational) pleading and advocacy life competence support rehabilitation assistance self-care/empowerment support other (specify)	declared.
management_ca re	management care activities of intervention	Describe the management activities associated with the privileged approach (enabling structures).	management of care delivery and environment (group versus individual care, coordination of care amongst different provider, quality and safety systems, physical or sensory environment, outreach services, site of service delivery, size of organisations,) management of care workers (role expansion, self-management, length of consultation, staffing models, movement of health workers, between public and private care, recruitment and retention,) management of care processes (care pathways, case management, communication between provider	Source : Taxonomie EPOC 2015 : <u>https://epoc.cochran</u> <u>e.org/sites/epoc.coch</u> <u>rane.org/files/public/</u> <u>uploads/taxonomy/e</u> <u>poc taxonomy.pdf</u> Write nd if not declared.

VARIABLE OF INTEREST (or component)	NAME OF VARIABLES	DESCRIPTION	MODES	COMMENTS (explanation or clarification)
			continuity of care, health and wellness management, integration, procurement and distribution, referrals system, shared care, shared decision-making, teams, transition of care, management with a people centred-care perspective,) other (specify)	
governance_inte rvention_strategi es	governance of intervention strategy	Describe the preferred intervention strategy in terms of governance (implementation, partnership, ICTs, financing and accountability).	strategies targeted at care organisations (change of organisational culture) strategies targeted at care workers (monitoring performance of care delivery, communities of practice, continuous quality, improvement, educational meetings, educational outreach, inter-professional education, local consensus processes, local opinion leaders, public release of performance data, tailored interventions,) strategies targeted at health and social care governance and partnership (care delivery, care environment, care workers, care processes,) strategies targeted at cross-sectoral governance and partnership (care delivery, care environment, care workers, care processes,) information and communication technology (health information systems, use of information and communication technology, telemedecine,) financial arrangements and accountability (financial resources for health and social care services, target financial incentives for health and social workers and organisations, health assurance,) other (specify)	Source : Taxonomie EPOC 2015 : <u>https://epoc.cochran</u> <u>e.org/sites/epoc.coch</u> <u>rane.org/files/public/</u> <u>uploads/taxonomy/e</u> <u>poc taxonomy.pdf</u> Write nd if not declared.

PART 2 - DATA RELATED TO EMPIRICAL CONFIGURATIONS CONTEXT-MECHANISM-OUTCOME (CMOc) – FOR THE REALIST SYNTHESIS

CMO configurations statements outline the relationship between particular characteristics of contexts, mechanisms and effects in the following form: "In an 'X' context, the 'Y' mechanism generates the 'Z' effect".

As with the rough theories, the presentation of statements identified as potential empirical evidence distinguishes between CMO configurations that are intervention and management based. Furthermore, as they are extracted, the empirical data are analysed a posteriori to identify families of mechanisms in order to facilitate the identification of possible recurrences.

Empiricals specifics contexts (C)

The contextual elements identified and specific to a given intervention are directly extracted, if necessary the more general contextual elements (general context, challenges related to access, availability, continuity and quality of care, issues) and the elements related to the intervention (activities, intervention, management and governance strategies) previously recorded in the extraction grid are used to improve the analysis.

Empiricals identified or hidden mecanisms (M)

Human reasoning of the actors (ideas, choices and decisions) to how individual and collective change will be achieved and **reaction of the actors** (capacity to put their ideas, choices or decisions into practice) to the resources provided by the intervention produce effect in a given context.

Examples of potential mechanisms extracted from the raw theories that explain why and how the intervention works, from the practitioner's perspective:

- Openness and willingness to understand the area of intervention, the actors present and its population.
- Desire to share and exchange with other actors on the global vision of the characteristics and needs of the area and its population.
- Interest in deploying a proximity approach (spatial and relational proximity).
- Base its action on a proximity approach
- Support the individual empowerment of citizens
- Supporting the strengthening of citizens' collective power to act
- Intervene in proximity, in a flexible and adapted manner in synergy
- Openness to the involvement of citizens/users and their relatives in decisions concerning their care and services.
- valuing the contribution of the knowledge of all: practitioners, citizens/users and relatives
- Openness to partnership approaches
- Linking and dynamically adapting the practices and actions of the various actors involved in the same community
- other

Empiricals health and well-being outcomes (

The effects of an intervention are generated by mechanisms linked to strategies deployed in a given context.

Examples of outcomes based on rough theories that explain the potential changes generated by the intervention mechanisms:

- holistic knowledge and understanding
- improve access to care services
- improve availability of care services
- improve continuity of care services
- improve quality and safety of care services
- multi-disciplinary team workers
- cross-sectoral partnership
- shared leadership and governance
- upgrade care services delivery (enabling structures)
- care practices approach (people centred care, gaining trust, outreach, ...)
- information and communication
- other