

Subtheme: Food insecurity

Implications of a life course approach to commercial determinants of health (CDOH). A Latin American perspective.

Raul Mercer, MD MSc - Mariela Alderete MD Program of Social Sciences and Health, FLACSO, Argentina CAP-2030 (Children in All Policies)



WORSKHOP AGENDA

Objectives

Theoretical framework

Commercial Determinants of Child and Adolescent Health (CDoCAH)

Early food insecurity (EFI)

Life Course approach (LCA)

Child Rights Based Approach (CRBA)

Hands on

What do we know? (A Latin American perspective)

What do we do?

What can be done at the community level? (discussion)

We declare that we do not have conflicts of interest



Objectives of this workshop

 To analyze the conceptual bases of the commercial determinants of child and adolescent health

 To recognize how harmful marketing and products potentially affect children's health

 To identify the first stages of life as a crucial period on which the modalities of induced food insecurity are generated





Introducing the problem

www.thelancet.com/futurechild

THE LANCET

ebruary 2020

w.thelancet.com

A future for the world's children?

A WHO-UNICEF-Lancet Commission



"Governments must harness coalitions across sectors to overcome ecological and commercial pressures to ensure children receive their rights and entitlements now and a liveable planet in the years to come."



unicef for every child

A Commission by The Lancet



Children are at risk today like never before

- Recent years have seen improvements in children's health, education, and survival
- But millions of children around the world still suffer from hunger, sickness, and violence
- New threats have also emerged:

ENVIRONMENTAL THREATS

to children's current health and future well-being

COMMERCIAL THREATS

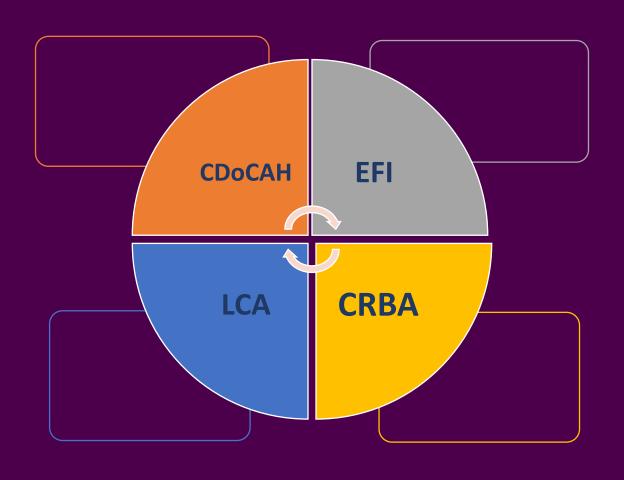
via targeted marketing of harmful substances



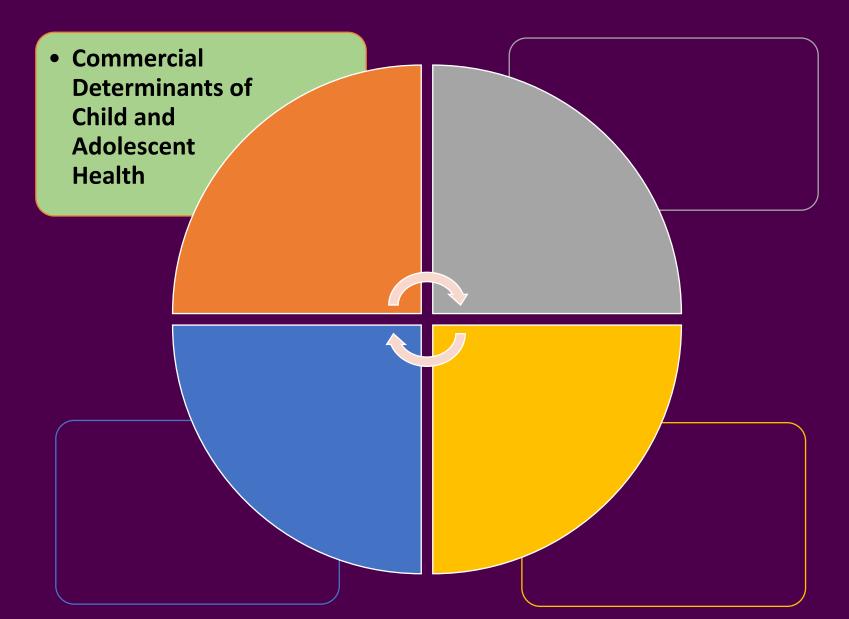
Industry self-regulation does not work

Studies in Canada, Mexico, New Zealand, the US and Australia – among others – have shown that self-regulation has not hampered the ability or propensity of businesses to advertise to children

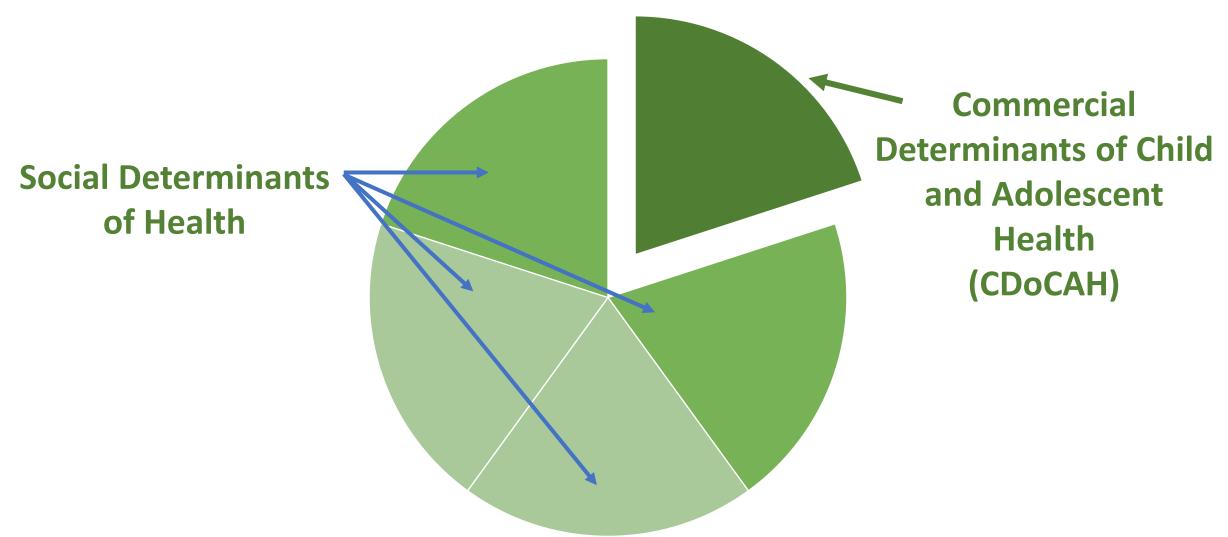
Theoretical framework



Theoretical framework



The Comercial Determinants of Health are a sub-set of the Social Determinants of Health



¿What are the Commercial Determinants of Health?

"strategies and approaches used by the private sector to promote products and choices that are detrimental to health", emphasizing that this definition conceptually links both macro (i.e. globalization, global risk society, and global consumer society) and micro (i.e. i.e. individualization, consumer choice and health behaviour), emphasizing them as 'dynamic'.

Kickbusch I. et al

What are the Commercial Determinants of Child and Adolescent Health (CDoCAH)?

"... strategies and approaches used by the private sector to promote products and behaviors that are harmful to health, acting from **early stages of life**, affecting the **conditions to decide** responsibly, **violating the rights** of children and affecting the health, development and quality of **present and future life** ..."

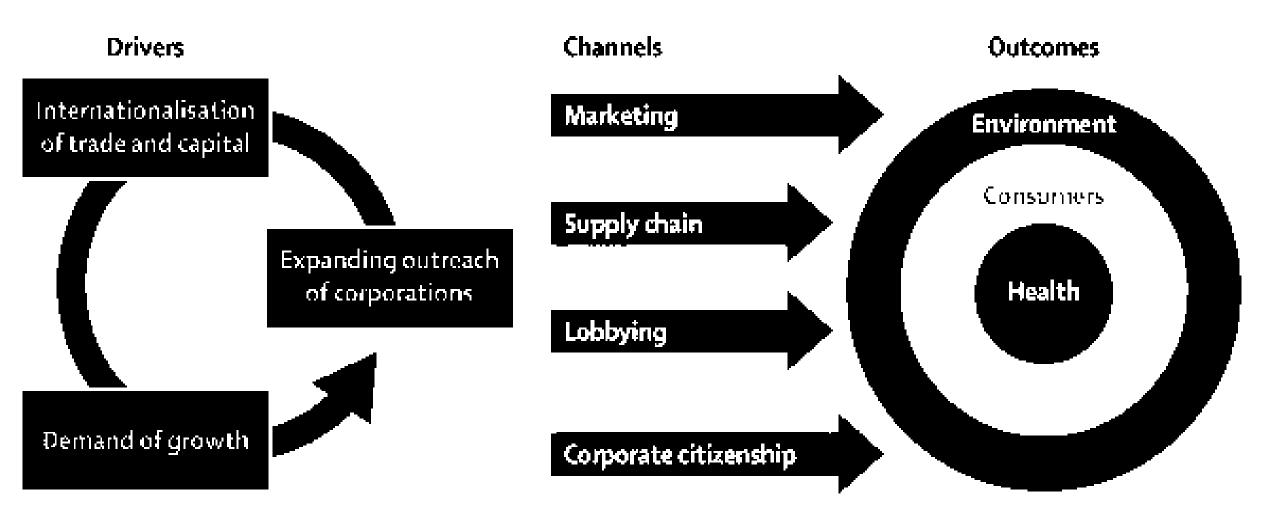
Mercer-Alderete (in process)

How do commercial determinants affect child health?

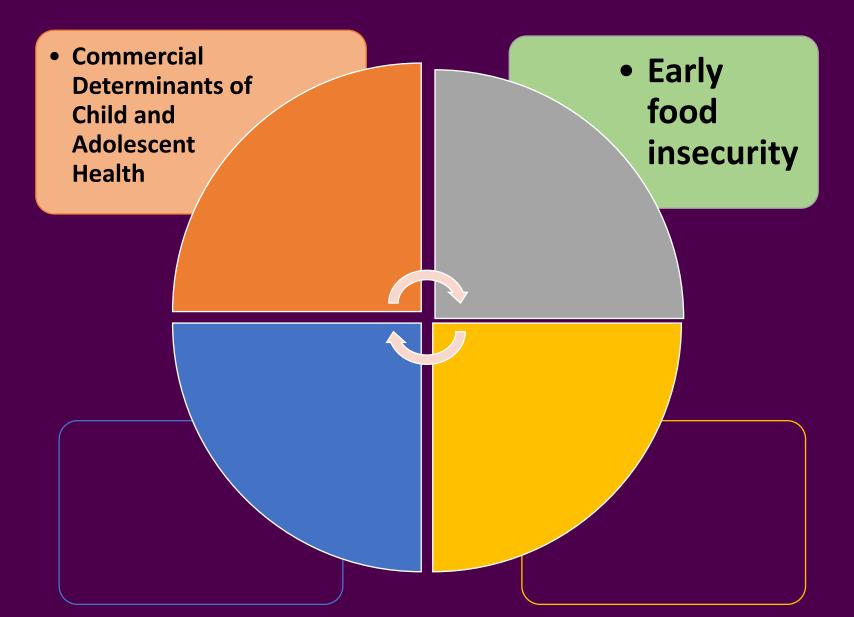
a) Harmful marketing strategies

b) Harmful product itself

Pathways for action of commercial determinants of health



Theoretical framework



Food Insecurity

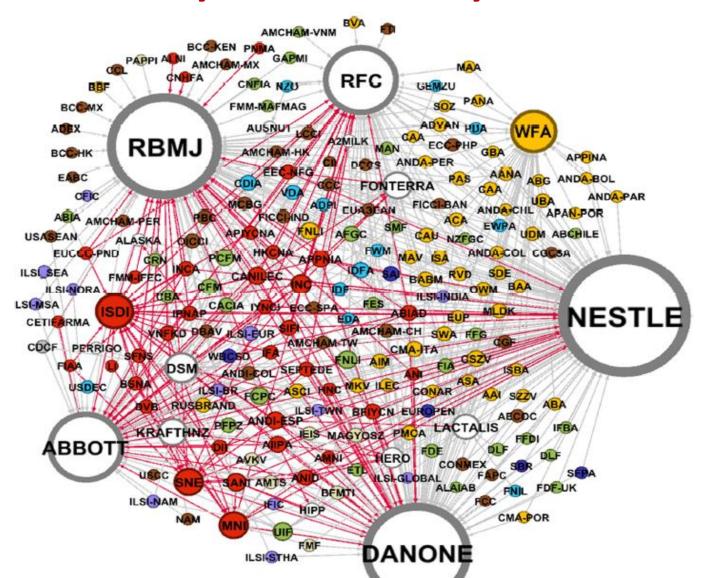
"..refers to the situation in which people do not have adequate access to sufficient, safe and nutritious food to meet their dietary needs and lead active and healthy lives."

Early Food Insecurity (EFI)

"..refers to the situation in which children do not have the **contextual conditions** to promote, protect and fulfil the **right** to an adequate access to nutritious food and feeding experiences considering the **best interest of the child**"

Mercer-Alderete (in process)

Greatest global threat to the right to adequate child nutrition as a factor of early food insecurity: the industry of breast milk substitutes



The size of the circles is proportional to the number of "links" that the organization has with others in the network;

White circles: corporations in the haby

White circles: corporations in the baby food industry;

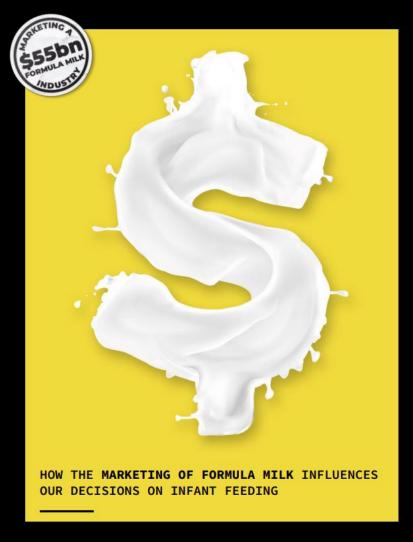
Circles and Red Lines: Big Formula Baby Network and Nutrition Associations; Yellow circles: brand and advertising associations;

Green Circles: Food, Beverage, and Grocery Manufacturers Associations; Brown circles: general industry trade associations, eg, chambers of commerce; Light blue circles: Dairy industry trade associations;

Purple Circles: Consumer and Industry Information.

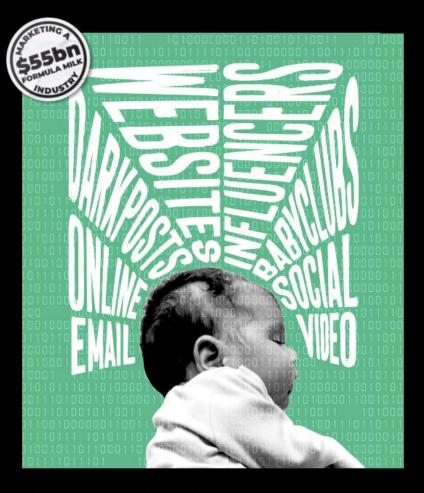
Source: Baker et al. Globalization and Health (2021) 17:58

Greatest global threat as a determinant of early food insecurity





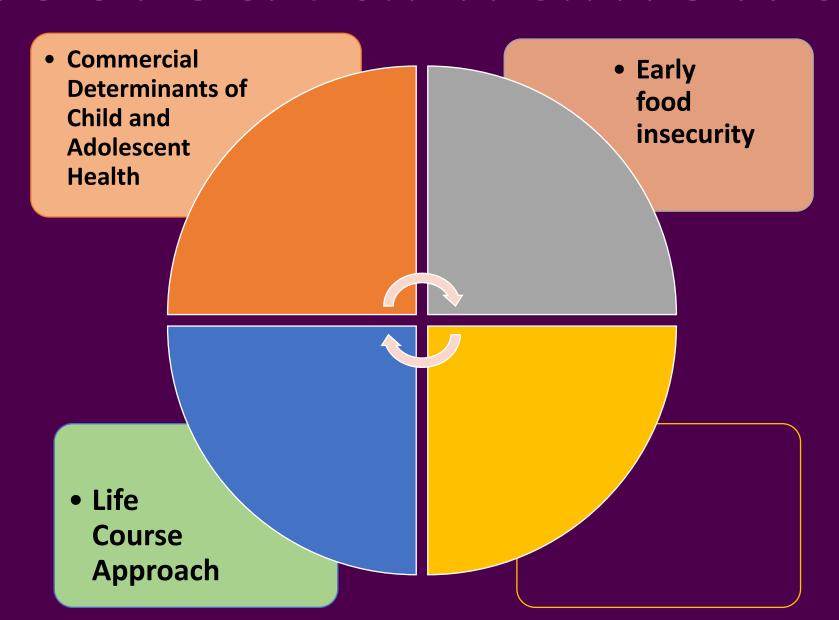




SCOPE AND IMPACT OF DIGITAL
MARKETING STRATEGIES FOR
PROMOTING BREASTMILK SUBSTITUTES



Theoretical framework



CDoCAH and Life Course

click to return to contents

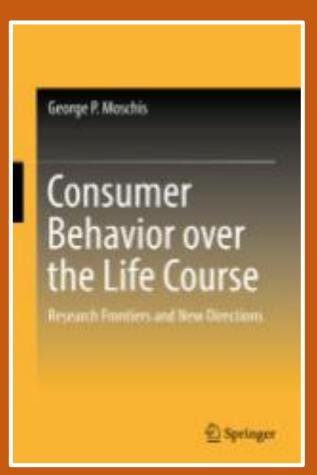
The capture of child development knowledge by marketing companies

Dr Mark Tomlinson, and Dr Raul Mercer (and the CAP-2030 working group on Commercial Determinants of Child and Adolescent Health)

The magnitude of marketing targeting children is well described (1), as is the long history of close alignment between children's marketing and developmental psychology (2). We have also known for a long time how the marketing industry divided children (certainly in the USA but increasingly globally) into discrete age, gender, ethnic and product segments in order to facilitate tailored messaging (3). While Cook (2) has argued that one of the common threads to much of the marketing is conceptualising children as small emergent consumers, it is not entirely clear that the marketing and advertising industries targeting children explicitly use a life course approach when targeting children. In this short piece, we wish to make the case for a better understanding of the effectiveness of harmful marketing targeting children using the framework of a life-course approach.

The concept of the life course is based on conceptual and theoretical breakthroughs in the study of development, and on the proliferation of longitudinal studies which examined behavioural adaptations to real-

"They" have the science Consumer Behavior over the Life Course



- Efforts to study consumers throughout their lifespan
- The Life Course Paradigm: Conceptual and Theoretical Foundations
- Consumer behavior in the context of the life course
- The Life Course Research Framework: Illustrative Application in the Study of Financial Behaviors
- Life Course Research Methods
- Contributions to previous efforts to study consumers throughout their lifespan
- Applications to Selected Areas of Consumer Behavior: An Agenda for Future Research Implications for professionals
- Summary, Opportunities, Challenges and Recommendations

Noncommunicable diseases (NCDs) are the #1 cause of mortality & disability globally ...and they start at early stages of life....

Inadequate health systems, treatment, care

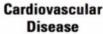
DISEASES

What drives the NCD response

Shared risk factors and systemic challenges >>>> common solutions



Cardiovascular





Chronic Respiratory Diseases



Cancer



Diabetes



Mental and Neurological Conditions

RISK FACTORS



Unhealthy Diet



Tobacco Use



Harmful Use of Alcohol



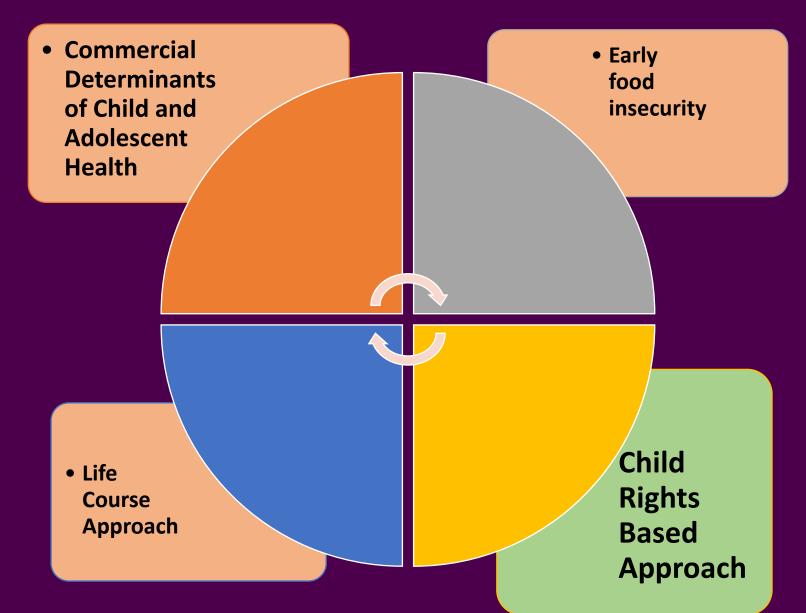
Physical Inactivity



Air Pollution



Theoretical framework



Rights, justice, and equity: a global agenda for child health and wellbeing



Jeffrey L Goldhagen, Sherry Shenoda, Charles Oberg, Raúl Mercer, Ayesha Kadir, Shanti Raman, Tony Waterston, Nicholas J Spencer

Worldwide challenges to child health and wellbeing are rapidly becoming existential threats to children and childhood. Inequities, armed conflict and violence, nuclear proliferation, forced migration, globalisation, and climate change are among the global issues violating children's rights to optimal survival and development. Child rights-based approaches will be required to enhance the response to the civil-political, social, economic, and cultural determinants of these

Lancet Child Adolesc Health 2019

Published Online November 19, 2019 https://doi.org/10.1016/

1 Provide secure child friendly spaces for children to thrive (includes food security)

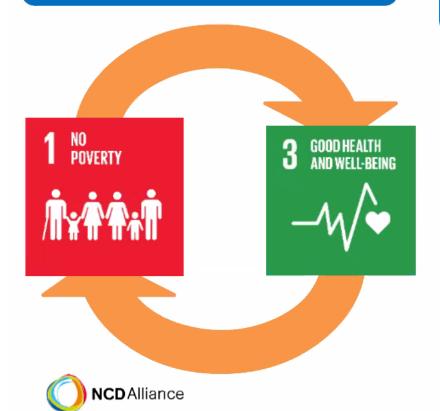
- 2. Ensure a life free of poverty
- 3. Promote social inclusion and non discrimination
- 4. Address the effects oof social determinants of health (includes the CDoCAH)
- 5. Respond to the increasing complexity of physical and mental health conditions
- 6. Respect changing family and community structures
- 7. Respond the effects of globalization and marketing on child health (includes the CDoCAH)
- 8. Frame all public and private sector policies on child health policies (includes the CDoCAH)
- 9. Create the opportunity for a life free of violence
- 10. Focus on pthe planetary effects of climate change on children's health

Source: The Lancet (2019) https://doi.org/10.1016/S2352-4642(19)30346-3

NCDs are a political responsibility, not an individual choice

An NCD response focused on equity requires...

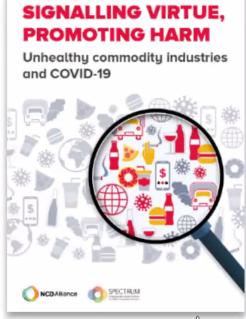
Calling for a comprehensive human-rights approach



Ensuring policy coherence to build systems that promote health, and not harm



Redressing outreach and power imbalances to protect communities



Should children be subject of rights or market commodities?







Hands on

What do we know?

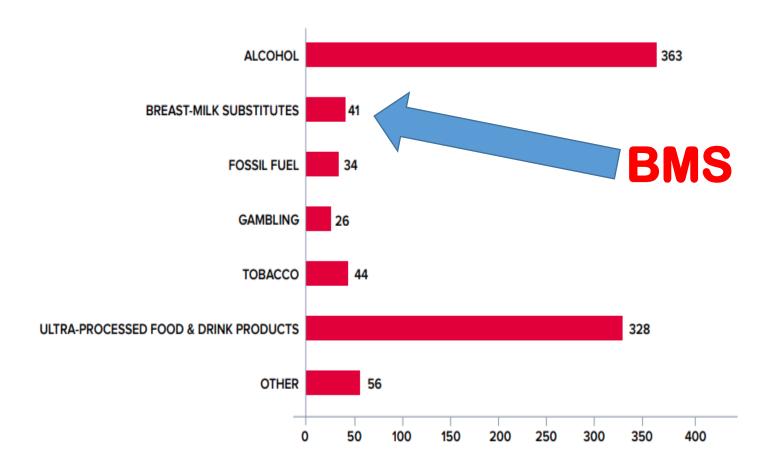
(A Latin American perspective)

SIGNALLING VIRTUE, PROMOTING HARM

Unhealthy commodity industries and COVID-19



Harmful consumption during COVID-19



Consumption of Sugar Beverages in Mexico

- Mexico is among the countries with the highest consumption of sugary drinks in the world, with approximately 163 liters per person per year.
- Beverages that contribute the highest energy intake in the Mexican population: soft drinks, drinks made with fruit juices, fresh waters, whole milk and fruit juices.
- More than half of the boys and girls (54.6%) between the ages of 6 months and 2 years consume sugary drinks and this is higher in rural areas (56.4%) than in urban areas (53.8%).
- Likewise, 92.9% of schoolchildren consume sugary drinks.



Food Insecurity and Obesity among Brazilian women and children (Life Course Approach)

• The weighted prevalence of any level of **food insecurity** among households with **children** was 48.6% mild = 29.4% moderate = 13.5% severe = 5.7%



ARGENTINA: Child food situation









ABRIL 2023

Situación alimentaria de niños, niñas y adolescentes en Argentina

¿Dónde estamos y a dónde vamos?

SÓLO EL

20%

de las cantidades recomendadas de frutas y verduras consumen las niñas, niños y adolescentes.

Existe una amplia brecha entre su patrón alimentario actual y las recomendaciones de consumo.



MÁS DEL

35%

del aporte calórico diario de niños, niñas y adolescentes son productos ultraprocesados.

El alto consumo de estos productos atraviesa a toda la población infanto juvenil. YAJ

58%

más de probabilidad de malnutrición por exceso en los y las adolescentes de nivel socioeconómico más bajo respecto a los de nivel socioeconómico más alto.

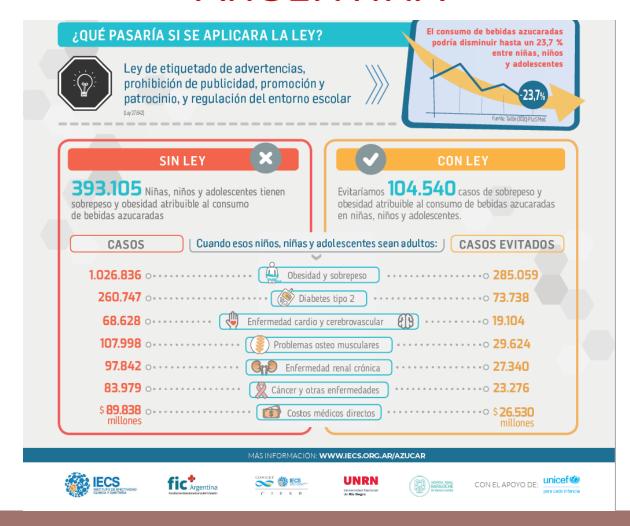
La malnutrición por exceso se asocia a la pobreza en adolescentes de 13 a 17 años.



La malnutrición por exceso en adolescentes está en aumento en todos los grupos socioeconómicos.

Al comparar dos momentos del tiempo (EMSE 2012-2018), se evidenció que el aumento en la prevalencia de malnutrición por exceso fue mayor en los niveles educativos bajo y medio respecto al alto.

Impact of market regulation on burden of diseases ARGENTINA



Hands on

What do we know? (A Latin American perspective)

What do we do?

Knowledge generation

Commentary

BMI Global Health

Conflicts of interest are harming maternal and child health: time for scientific journals to end relationships with manufacturers of breastmilk substitutes

Catherine Pereira-Kotze , 1 Bill Jeffery , 2 Jane Badham, 3 Elizabeth C Swart , 4 Lisanne du Plessis , 3 Ameena Goga , 6,7 Lori Lake , 5 Max Kroon, 9 Haroon Saloojee , 10 Christiaan Scott , 11,12 Raul Mercer , 13 Torry Waterston , 14 Jeffrey Goldhagen , 15,10 David Clark, 17 Phillip Baker , 15 Tanya Doherty , 1,10

To other Persins Hotels C, Jertany S, Bacham J, et al. Conflicts of interest are harming maternal and child health time for solertific journals to and relationships with manufactures of breast-rolls, substitutes, (IMAI Global Health 2002) 3 0001002 5 0010111 56/ bright-2002 1 0008002

Handling editor Says Abintols

Received 15 November 2021 Accepted 34 November 2021

The promotion and support of breasdeeding globally is diwarted by the USD \$57 billion (and growing) formula industry that engages in overs and covers adversising and promotion as well as extensive political activity to foster policy environments conducive to market growth.1 This includes health professional financing and engagement through courses, e-learning plauforms, sponsorship of conferences and health professional associations2 and advertising in medical/health journals. These contribute to the overtuse of specialised formulas and inappropriate dissemination of health and nutrition claims.4 Such 'medical marketing* reduces breasdeeding initiation, exclusivity, and duration, irrespective of country consext.3 It also creases a subde,

Summary box

- Forty years after the World Health Assembly adopted the International Code of Marketing of Breast-milk. Substitutes, inappropriate marketing of breast-milk substitutes persists and puts infants and young childress at nisk of maliosatrions, illness and death.
- The formula industry is large and powerful and has used various 'medical marketing' strategies to influence scientists and health professionals as to the purported benefit of breast-milk substitutes.
- The examples provided in this commentary show how a manufacturer is using a leading scientific journal to market broast-milk substitutes through paid advertisements and advertisement Institutes.
- By receiving funding from breast-milk substitute manufacturers, journals create a coeffect of interest, whemby the publisher and readers of the journal contraction corrections correctionally or uncorrectionally in

Commentary

BMJ Global Health

Questioning the ethics of international research on formula milk supplementation in low-income African countries

Tanya Doherty , 1,2,3 Ingunn Marie S Engebretsen , 4 Thorkild Tylleskär, 4,5 Kathy Burgoine , 6 Anne Baerug, 7 Raul Mercer, 6 Phillip Baker, 9 David Clark, 10 Catherine Jane Pereira-Kotze , 2 Max Kroon^{3,11}

To citia. Ocharly T, Engularithan MS, Tyllanda' T, at al. Questioning the sithics of informational research on formula milk supplementation in low-income African countries. BMJ Blobal Health 2022;7:e002181. doi:10.1136/ bmjgb.2022-009181

Handling aditor Says Abimbols

Received 25 March 2022 Accepted 25 April 2022 Over the past three decades, the increase in funding for priority public health issues targely affecting low/middle-income countries (LMICs) has led to the growth in international research involving researchers or research sponsors from a high-income country (HIC) conducting research in LMICs. The ethical considerations in such international research were raised in the 1990s and several edvical guidelines specifically addressing international research were published.12 However, in 2022, we still find examples of research undertaken by HIC principal investigators and funders, with no benefit and large potential for harm, being undertaken in LMICs.

A randomised controlled trial that began recruiting in February 2021 is nearing completion in Uganda and Guinea-Bissaus of formula supplementation of breasded newborns for 30 days, beginning within 6 hours of birth. The primary objective of this trial is to evaluate the efficacy of formula supplementation among low birthweight (LBW) infants <2500 g c6 hours of age and those not LBW with weights <2500 g at 4 days of age. The trial compares breasdeeding and formula (up to 59 ml.

SUMMARY BOX

- The increase in funding for priority public health issues largely affecting low/middle-income countries (IMICs) has led to the growth in international mocarch involving researchers or research sponsors from a high-income country conducting research in LMICs.
- Several ethical guidelines specifically addressing international research have been published, yet we still find examples of research undertaken by highincome country principal investigators and funders with no benefit and large potential for harm, being undertaken in LMICs.
- bit this commentary, we provide an example from a trial of formula milk supplementation in Uganda and Guines-Binsau and outline ways in which this trial violates basic ethical principles and human rights and has zero potential for scale-up within the research settings.
- Appropriate, safe and scalable alternatives to formula milk supplementation of low birthweight newborns should be prioritised including zero separation of mothers and newborns, lactation support and human milk banks.
- We challenge LMC institutional review boards, research funders, clinicians, scientists and governments to carefully consider potential mainfecence, especially if an intervention is not scalable locally, and express their responsibility to center their cit.



ADVOCATING FOR CHILDREN'S RIGHTS

Briefing on Regulating Commercial Marketing for and to Children Committee of the Rights of the Child (United Nations)

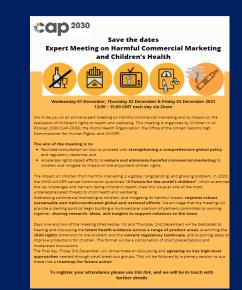
Monday, 3 February 2020 Palais Wilson, Geneva

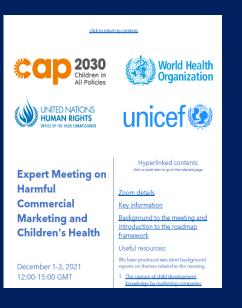
Dr Anshu Banerjee, Director, Department of Maternal, Newborn, Child and Adolescent Health and Ageing, WHO Dr Raul Mercer, Coordinator, Program of Social Sciences and Health, FLACSO, Argentina Dr Stefan Swartling Peterson, Chief of Health Section, Programme Division, UNICEF



Advocacy against marketing of BMS













@[†] ■ Breastfeeding 1

Breastfeeding: crucially important, but inc challenged in a market-driven world



Department of Social and Behavioral Sciences, Yale School of Public Health,

New Haven, CT, USA

afael Pérez-Escamilla, Cecília Tomori, Sonia Hernández-Cordero, Phillip Baker, Aluisio J D Barros, Frai urence M Grummer-Strawn, David McCov, Purnima Menon, Paulo Augusto Ribeiro Neves, Ellen Piv Linda Richter, on behalf of the 2023 Lancet Breastfeeding Series Group*

Lancet 2023; 401: 472-85 In this Series paper, we examine how mother and baby attributes at the individ Deblebed Online determinants at other levels, how these interactions drive breastfeeding y7,2023 interventions are necessary to achieve optimal breastfeeding. About one in middle-income countries receive prelacteal feeds, and only one in two neonates hour of life. Prelacteal feeds are strongly associated with delayed initiati insufficient milk continues to be one of the most common reasons for intr (CMF) and stopping breastfeeding. Parents and health professionals frequently behaviours as signs of milk insufficiency or inadequacy. In our market-driven reastfeeding. All papers in the Series are available at https:// International Code for Marketing of Breast-milk Substitutes, the CMF industry these behaviours with unfounded product claims and advertising messages. A and 2021 and country-based case studies indicate that breastfeeding practices at rapidly through multilevel and multicomponent interventions across the se Breastfeeding is not the sole responsibility of women and requires collective s

Introduction

inequities into consideration.

Human infants (aged <12 months) and young children socioecological mod Prof R Pérez-Escamilla PhD); Human infants (aged ≤12 months) and young children socioecological mod lobus Honkins University (aged 12–36 months) are most likely to survive, grow, and breastfeeding Series. develop to their full potential when fed human milk from Key structural barri Baltimore, MD, USA their mothers through breastfeeding due to the dynamic environment inch

(₩) Breastfeeding 2

Marketing of commercial milk formula: a system parents, communities, science, and policy



Nigel Rollins, Ellen Piwoz, Phillip Baker, Gillian Kinaston, Kopana Mathya Mabasa, David McCov, Paula Augusto Rib afael Pérez-Escamilla. Linda Richter. Katheryn Russ. Gita Sen. Cecilia Tomori. Cesar G Victora. Paul Zambrano. Gerai

breastfreding-2023 this Series name Department of Maternal

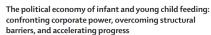
Newborn, Child and Adolescent Health and Ageing, WHO, Introduction

Lancet 2023; 401: 486-502 Despite proven benefits, less than half of infants and young children globally are breastfed Published Online recommendations of WHO. In comparison, commercial milk formula (CMF) sales ha February 7, 2023 US\$55 billion annually, with more infants and young children receiving formula product paper describes the CMF marketing playbook and its influence on families, health profession processes, drawing on national survey data, company reports, case studies, methodical sc multicountry research studies. We report how CMF sales are driven by multifaceted, we strategies that portray CMF products, with little or no supporting evidence, as solutions to cor developmental challenges in ways that systematically undermine breastfeeding. Digital platfor ionies are available at https:// the reach and influence of marketing while circumventing the International Code of M www.thelancet.com/series/ Substitutes. Creating an enabling policy environment for breastfeeding that is free from requires greater political commitment, financial investment, CMF industry transparency, A framework convention on the commercial marketing of food products for infants and ch CMF marketing.

Geneva, Switzerland The feeding practices for infants (aged ≤12 months) and public health and epitomise the or Nation MD: Amagods,
Mo. USA (Films 50):
Mo. USA (Films 50):
dill callet him opposite
effect on child survival, growth, and development, with
instead of breastmilk substitute t Activity and Nutrition, lifelong consequences for women, children, and society and ultraprocessed nature of form

Together, they typify private sector

Breastfeeding 3



Despite increasing evidence about the value and importance of breastfeeding, less than half of the world's infants and occupie inflaesing evided on the sound in particular and important of indicated and in the sound in the sound in a manifest and young children common the sound in political, and economic reasons for this problem. First, this paper highlights the power of the problem. First, this paper highlights the power of the problem industry to commodify the feeding of infants and young children; influence policy at both national and industry to commodify the feeding of infants and young children; the fluence policy at both national and the problem of the problem. levels in ways that grow and sustain CMF markets; and externalise the social, environmental, and economic costs of even the constitution of t adequate because the case of the control of the con

The displacement of breastfeeding and breastmilk with commercial milk formula (CMF) over the past century and a half represents a major transition in the nutrition and policy markers and health-care professionals are co-opted productive and the production of the control of the productive and the productive and the productive pro care of infants (aged <12 months) and young children by CMF marketing and other commercial forces; and

@ 🐪 🕦



ARGENTINA

Bill based on the formation of alliances with community organizations

REGULATION OF THE MARKETING OF HUMAN MILK SUBSTITUTES FOR THE PROTECTION OF BREASTFEEDING

Red por la Ley del Código

















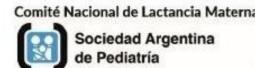






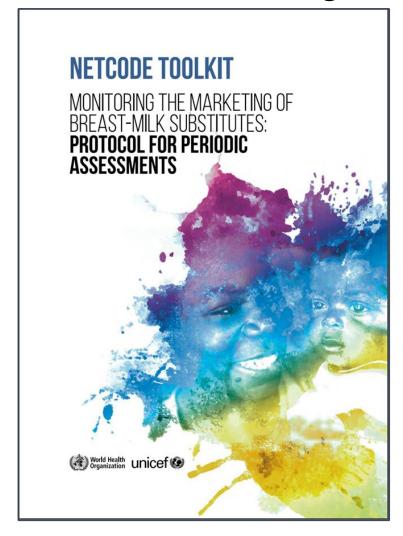






Monitoring the International Code of Marketing of Breastmilk Substitutes

Municipality of Malvinas Argentinas, Buenos Aires Province, Argentina







Hands on

What do we know? (A Latin American perspective)

What do we do?

What can be done at the community level? (discussion)

What can be done at the community level?

- What are the most significant lessons learned from this activity?
- How important are commercial determinants of health (CDoCAH) for your practice in promoting child and adolescent health?

 What are the fields of intervention that you identify at the community level to mitigate the harmful effects of CDoCAH?

CAP-2030 Argentina

Children in all Municipal Policies

Gates of entrance at the community level to protect children from the impact of CDoCAH

Inclusion

- -Children with disabilities
- Identity (rights)

Monitoreo & Evaluación

Environment*

Child centered, health and quality of life

Investment/Budget

- Economic Arguments

Feeding/Nutrition*

- Local production
- Conditioned Cash Transfers
 - Marketing

Education Child development

- CDI
- ECD evaluation

Homes and families*

- Employment, income and care policies.

Housing and basic services*

- Housing policies, water and sanitation, accessibility to basic services

Health

- Access and quality
 - **Protection***
- Local services
- Violence

Urban planning

- Transportation* Public spaces
- Recreational spaces
- Public libraries



Children at the center of local governance

Resources Communication

- Human
- Infrastructure
- Social

- Information
- Communication

Participation

- Voices of children
- Decision spaces
- Includes food security through different dimensions and sectors of the society

Integration of theoretical approaches Life Course-Child Rights-Commercial Determinants of Health- Early Food Insecurity

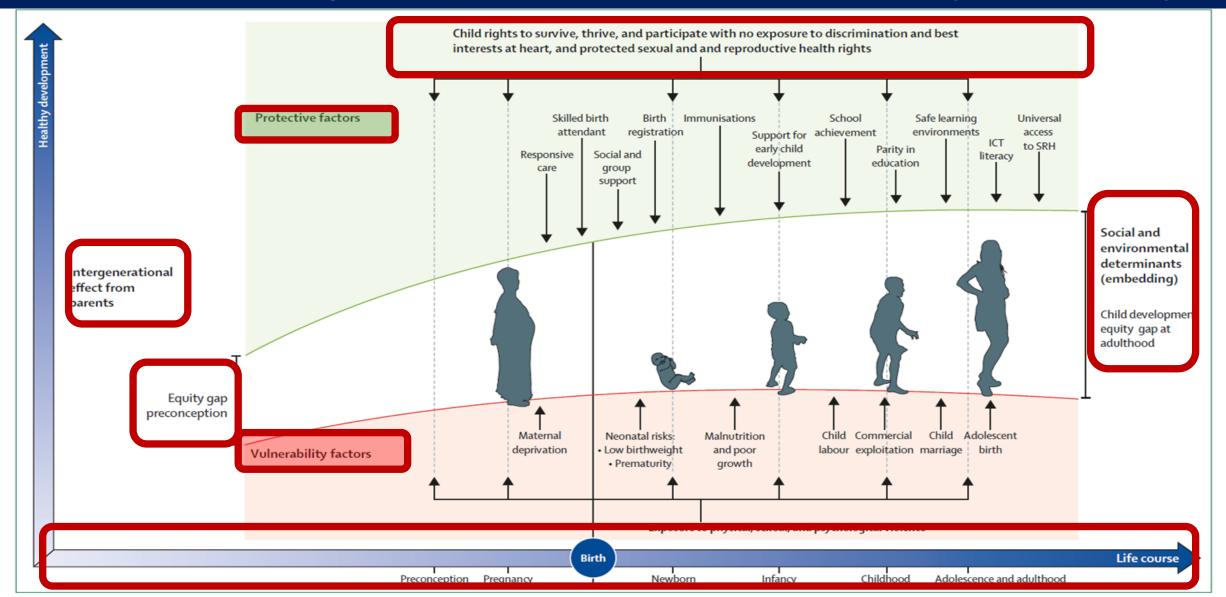
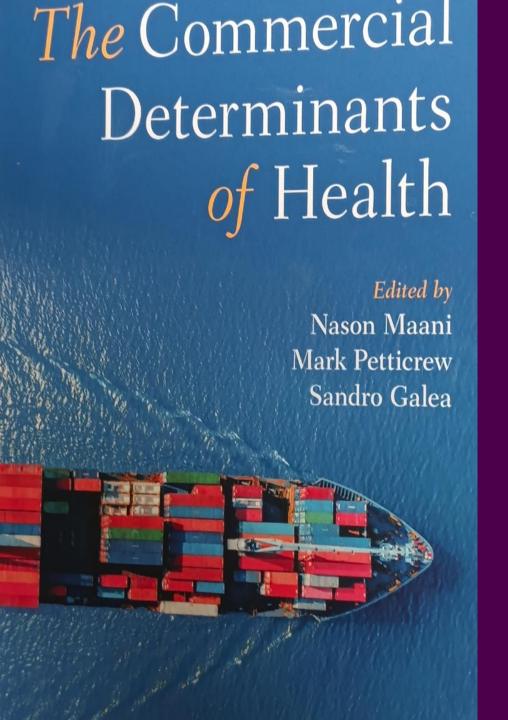


Figure 1: Sustainable Development Goals measuring protective and risk factors for child wellbeing across the life course ICT=information communication technology. SRH=sexual and reproductive rights.



Thank you