

9TH PCNE WORKING SYMPOSIUM 2024,  
UNIVERSITY OF BASEL, SWITZERLAND  
Advancing the paradigm and visibility of pharmacy  
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# DEVELOPMENT OF A MODEL FOR THE INTEGRATION OF COMMUNITY PHARMACY AND PRIMARY CARE: A STAKEHOLDER-DRIVEN APPROACH

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# THEORETICAL BACKGROUND



## Integration of community pharmacy in primary health care: The challenge

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## Community pharmacy and primary health care - Types of integration and their applicability: A narrative review

Amaia Urionaguena<sup>a,\*</sup>, Celia Piquer-Martínez<sup>b</sup>, Miguel Ángel Gastelurrutia<sup>a,b</sup>, Shalom Isaac Benrimoj<sup>c</sup>, Victoria García-Cardenas<sup>d</sup>, Fernando Fernández-Llamos<sup>d</sup>, Fernando Martínez-Martínez<sup>b</sup>, Begoña Calvo<sup>b</sup>

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## Theories, models and frameworks for health systems integration. A scoping review

Celia Piquer-Martínez<sup>a,\*</sup>, Amaia Urionaguena<sup>b</sup>, Shalom I. Benrimoj<sup>c</sup>, Begoña Calvo<sup>b</sup>, Sarah Dineen-Griffin<sup>d</sup>, Victoria García-Cardenas<sup>d</sup>, Fernando Fernández-Llamos<sup>d</sup>, Fernando Martínez-Martínez<sup>b</sup>, Miguel Ángel Gastelurrutia<sup>a,b</sup>

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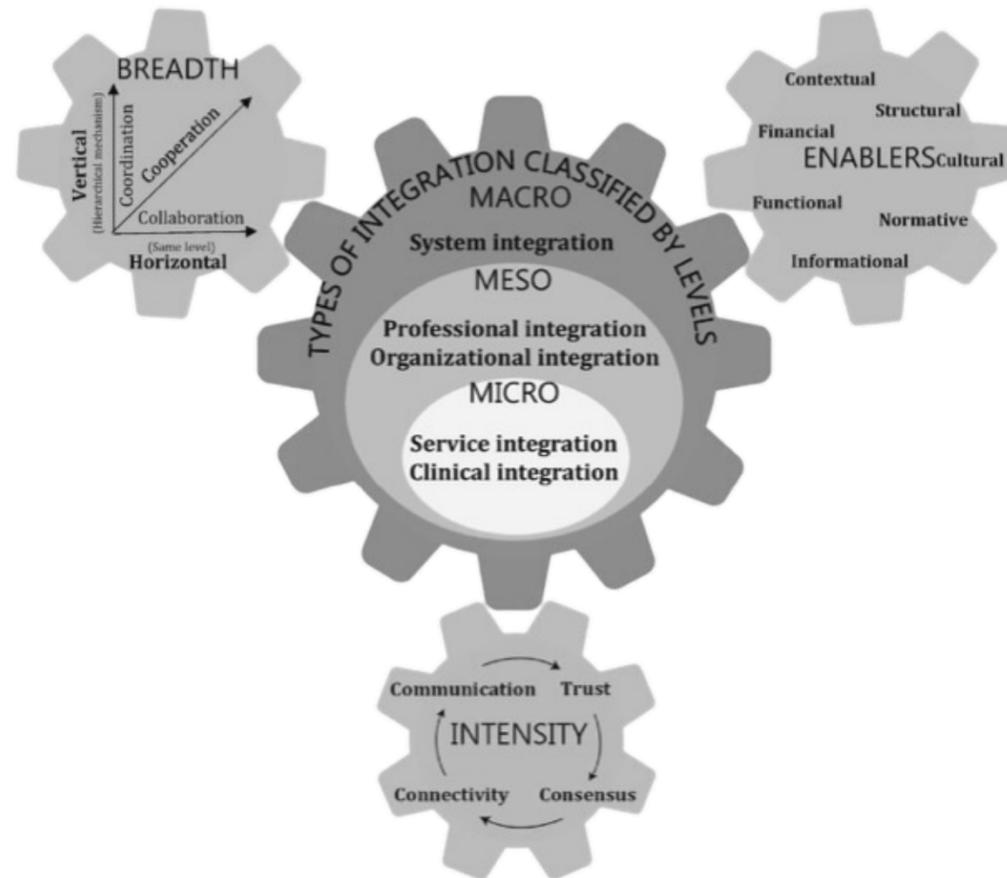


Figure 1. Types of integration and their interconnectivity

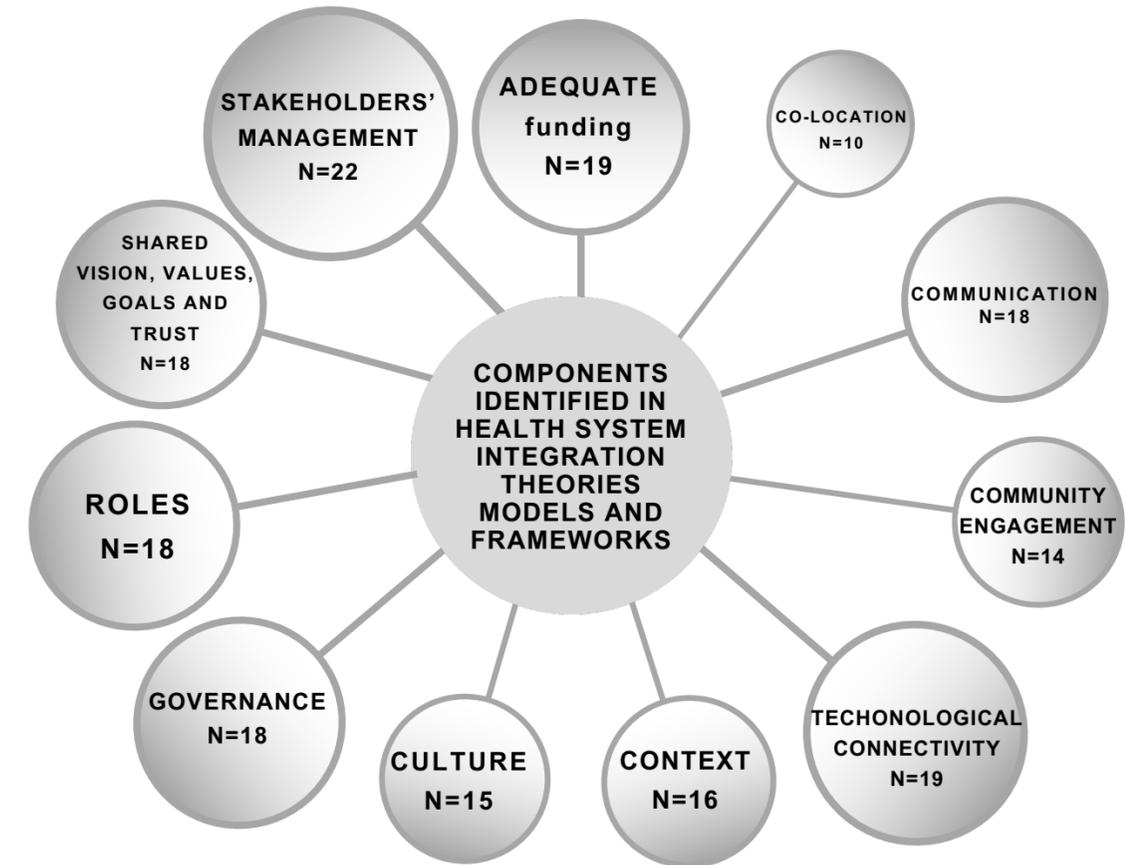


Figure 2. Components of the theories, models or frameworks of health system integration

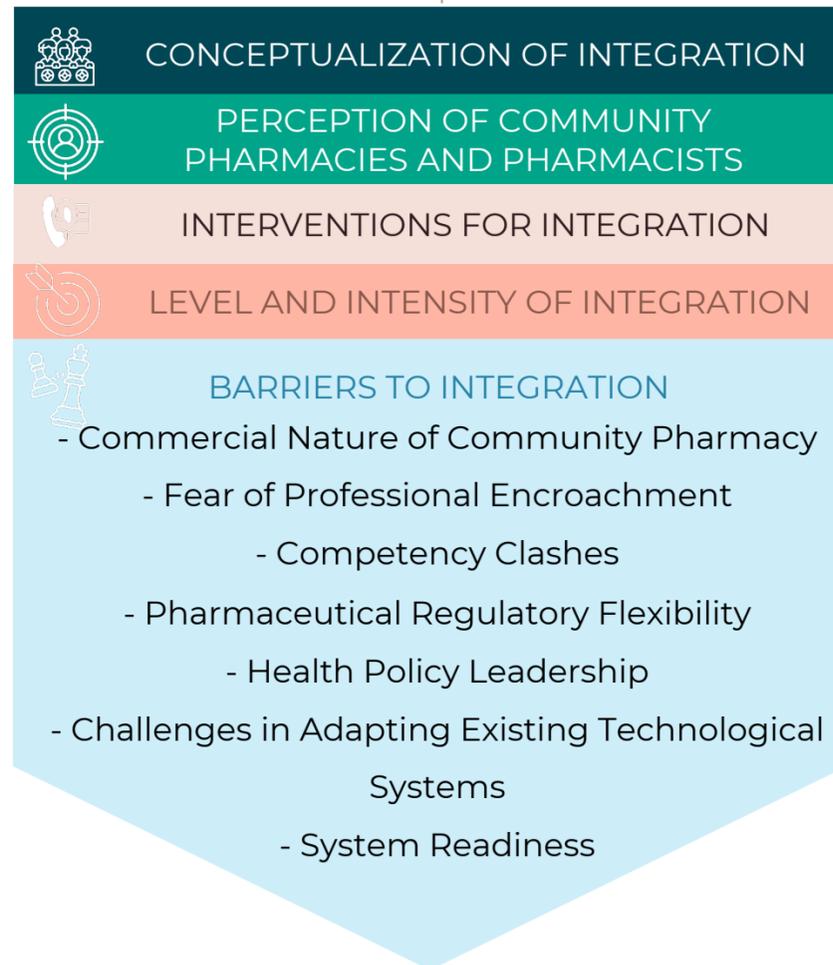
**14 TYPES AND FIVE SUBTYPES OF INTEGRATION**  
**CP-PC: HORIZONTAL INTEGRATION. MICRO LEVEL WITH CLINICAL AND SERVICE INTEGRATION.**  
**WORKING ON THE INTENSITY CONSTRUCTS AND ENABLERS WOULD ALLOW A MORE SUSTAINABLE INTEGRATION**

**A THEORETICAL BASIS TO GUIDE TO THE PRACTICAL IMPLEMENTATION OF THE TYPES OF INTEGRATION**  
**2 THEORIES 15 MODELS 8 FRAMEWORKS**  
**11 COMPONENTS**

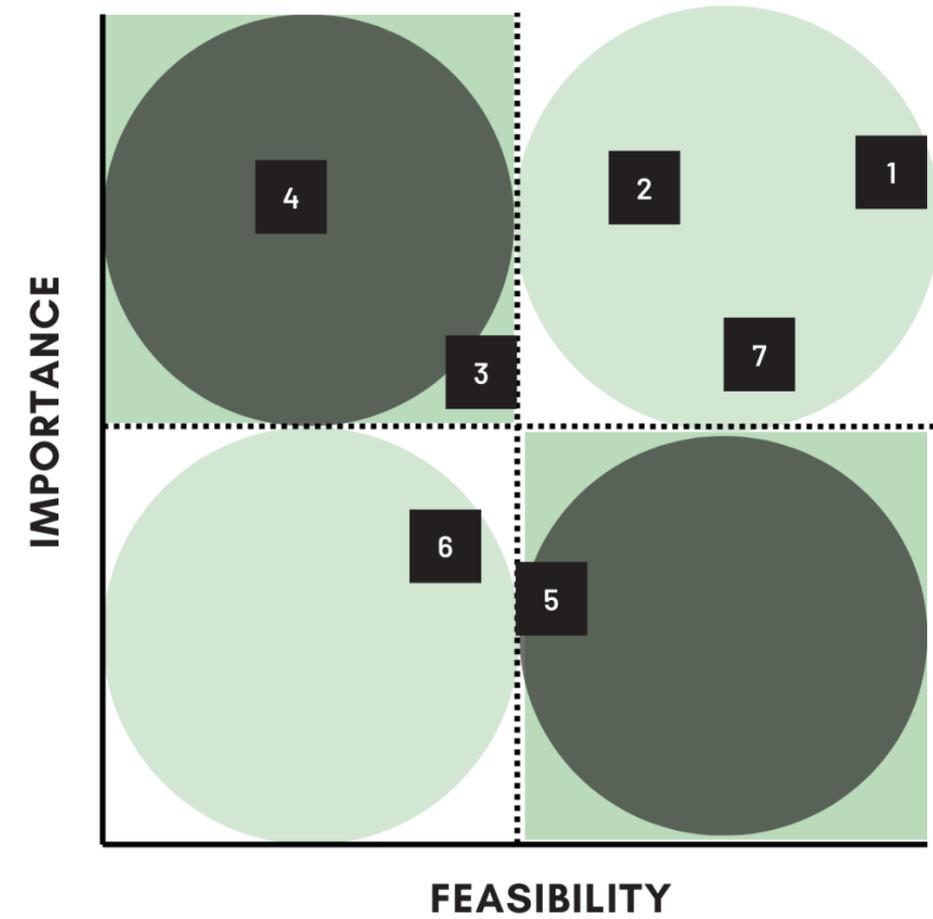
# STAKEHOLDERS' VIEWS



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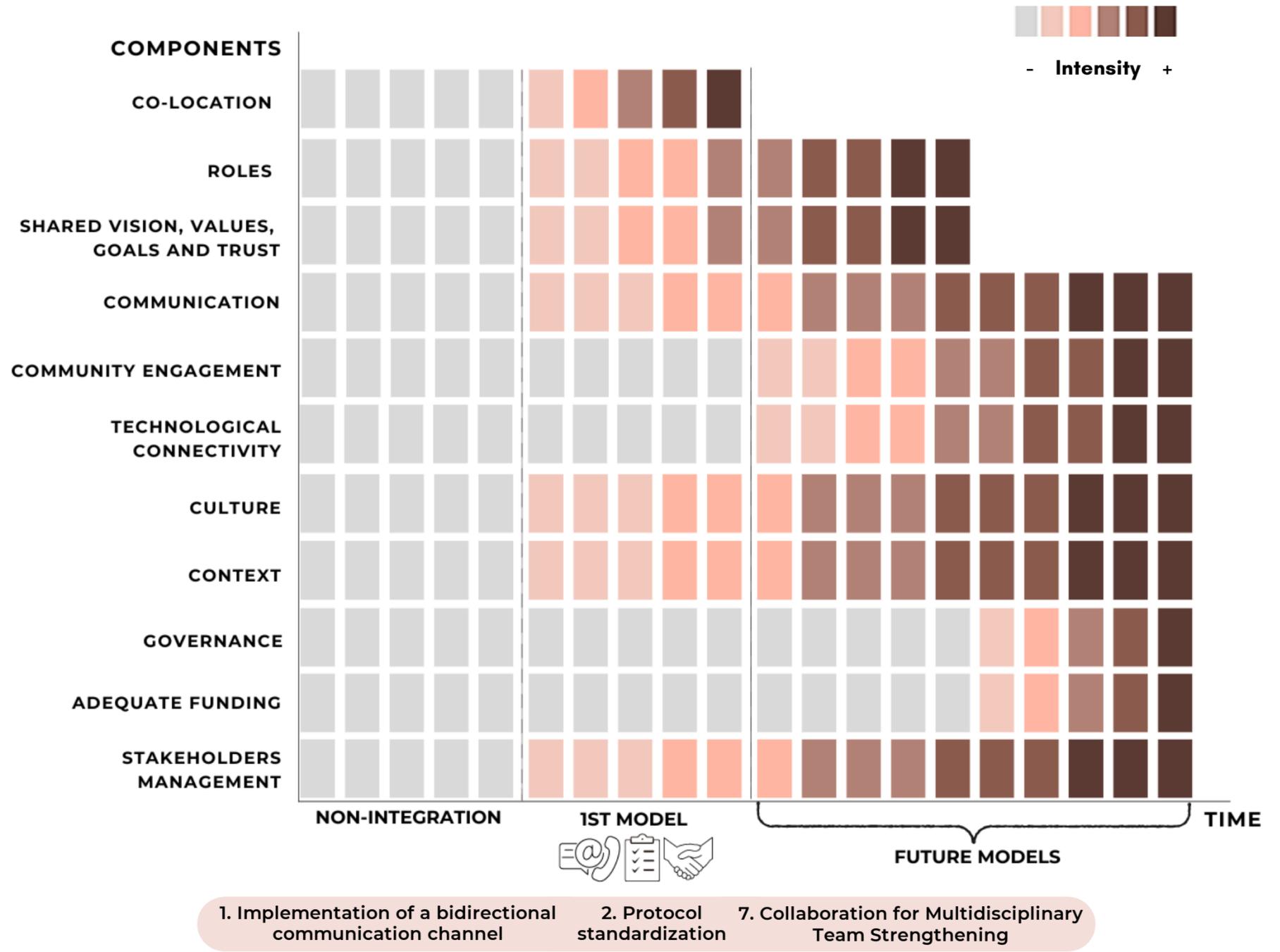


- IMPLEMENTATION OF A BIDIRECTIONAL COMMUNICATION CHANNEL
- PROTOCOL STANDARDIZATION
- COMMUNITY ENGAGEMENT AND HEALTH EDUCATION INITIATIVES
- PARTICIPATION IN HEALTH CAMPAIGNS
- THERAPEUTIC MANAGEMENT FROM CP
- ACCESS TO PHARMACOTHERAPEUTIC HISTORY FROM CP
- COLLABORATION FOR MULTIDISCIPLINARY TEAM STRENGTHENING



1 **Qualitative Insights into Health System Integration: Pioneering Model for**  
 2 **Community Pharmacy and Primary Care**  
 3  
 4 *Celia Piquer-Martinez<sup>1</sup>; Amaia Urionagüena<sup>2</sup>; Shalom I. Benrimoj<sup>1</sup>; Begoña Calvo<sup>2</sup>;*  
 5 *Victoria Garcia-Cardenas<sup>3</sup>; Noelia Amador-Fernandez<sup>4</sup>; Miguel Angel Gastelurrutia<sup>1,2</sup>;*  
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 14

FROM  
 THEORY  
 TO STAKEHOLDERS'  
 VIEWS  
 TO FIRST  
 MODEL  
 (PRACTICE)



**FIRST TEMPORAL MODEL FOR INTEGRATION OF COMMUNITY PHARMACY AND PRIMARY CARE AND ITS EFFECT ON INTEGRATION COMPONENTS**

# CONCLUSIONS

- This research represents a theoretical based approach to integrating community pharmacies into primary care, emphasizing theory, stakeholder engagement, phased implementation, and pragmatic approach.
- The evolution of these temporal models will be guided by qualitative stakeholder feedback and experimental research, highlighting the need for adaptable strategies that reflect the health care system's evolving requirements, stakeholder acceptance and user needs.
- This initial model includes the following components: Co-location; Roles; Shared Vision, Values, Goals, and Trust; Communication; Culture; Context; and Stakeholder Management, each at different levels of intensity.
- Future research and pilot projects will be crucial for assessing the model's impact and refining its components for its broader application.

# THANK YOU

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