

# **Toward Functional Cross-Species Communication: A Systematic Review of the Implementation of Alternative and Augmentative Communication Systems in Canis familiaris.**

*DÉBORA MORENO JUSDADO, Gema Paula Méndez Serrano*

## **Citation**

DÉBORA MORENO JUSDADO, Gema Paula Méndez Serrano. Toward Functional Cross-Species Communication: A Systematic Review of the Implementation of Alternative and Augmentative Communication Systems in Canis familiaris.. PROSPERO 2026 CRD420261352299. Available from <https://www.crd.york.ac.uk/PROSPERO/view/CRD420261352299>.

## **REVIEW TITLE AND BASIC DETAILS**

---

### **Review title**

Toward Functional Cross-Species Communication: A Systematic Review of the Implementation of Alternative and Augmentative Communication Systems in Canis familiaris.

### **Original language title**

Hacia una comunicación funcional interespecie: revisión sistemática sobre la implementación de Sistemas Alternativos y Aumentativos de la Comunicación en canis familiaris.

### **Review objectives**

The objective of this study is to conduct a systematic literature review of studies on interspecies augmentative communication (between humans and dogs) in order to systematically analyze the available scientific evidence regarding the implementation of AAC/AIC in Canis familiaris.

Within the PICO methodology, this study poses the following research question: What is the scientific evidence regarding the effectiveness and utility of Augmentative and Alternative Communication (AAC) systems in dogs for improving cross-species communication?

P: Dogs (Canis familiaris) trained to use augmentative communication devices.

I: Implementation of AAC/AIC (communication buttons or resonance boxes).

C: Teaching methods that use AAC/AIC with dogs.

O: Improvement of functional communication and interspecies communication; effectiveness of AAC/AIC training in dogs.