

Supplementary file

Supplementary Table 1. Search strand used in databases for our scoping review of twelve photovoice and nicotine-based smoking prevention and cessation research studies, 26 June 2025

	photovoice* or “photo-voice*” or “photo voice*”
OR	‘visual research’ or ‘visual method*’ or ‘visual methodology*’ or ‘community participatory based research’ or ‘participatory research’
AND	‘health literacy’ or ‘health education’ or ‘health knowledge’ or ‘health information’ or ‘health understanding’ or ‘health campaigns’
AND	smoking *OR tobacco *OR nicotine *OR hookah * OR e-cigarette OR vaping

PubMed: (‘smoking’[Mesh] OR ‘vaping*’[Title/Abstract]) AND (photovoice OR ‘photo voice’ OR photo-voice OR ((photo* OR camera) AND (community OR ‘action research’ OR ethnog*)))

Supplementary Table 2. PICO table

Eligibility criteria for inclusion of photovoice studies on smoking prevention and smoking cessation that outlines the population, intervention, comparison, and outcomes for the twelve peer-reviewed studies published globally before June 1, 2025 and searched latest by June 26, 2025.

	Include	Exclude
Population	All populations and communities	Visual method is not primarily used by the participants
Intervention	Studies will be included if they report on the integration of photovoice as a research method whether it is standalone or used in conjunction to other methods in mixed-method research evaluation	Does not include photo voice as a method, or instead utilizes visual methods, photo elicitation, or video implementation
Context	“Health literacy” or “health education” or “health knowledge” or “health information” or “health understanding” or “health campaigns”	Studies that do not have a health education or literacy intention.
Outcomes	<i>Nicotine based smoking:</i>	Marijuana,

	i.e. Tobacco smoking /vaping/e-cigarettes/hookah	weed, drugs like Kratom =>substance misuse, smoking is not the main outcome of interest
Study design/publication characteristics	Peer-reviewed journal articles published in English Interventions Case studies Primary studies Clinical trials	Studies published in a foreign language Not published in a peer-reviewed journal Duplicate publication Protocol papers Systematic Review Scoping Review Meta-analysis Review articles Editorials Book Chapters Dissertations Conference abstracts Research framework

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