



## CAREGIVERS' VACCINE HESITANCY - A SCOPING REVIEW



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Introduction: Vaccine hesitancy refers to delay in acceptance or refusal of vaccination despite its availability. COVID-19 pandemic has increased public concerns about vaccines hence influencing the acceptance to the existing vaccination program in primary care.

Aim: to summarize the prevalence and factors associated with childhood vaccine hesitancy among caregivers.



related

factors

Conceptual

factors

Health care

worker

factors

Caregivers

factors

METHODOLOGY

Scopus®, Cochrane Library and PubMed® databases were searched and filtered to include full-text English articles published from January 2016 to November 2021

576 articles identified



509 articles screened

ScR checklist 109 articles assessed for eligibility

83 articles included



49% crosssectional studies

35% article review

VH mean prevalence 25.8% (3 - 50.6%)



39% articles from USA, Canada & Italy

52% articles published in **2020-**2021

#### **NO OF ARTICLES** THEME **FACTORS** 4.3 Costs Vaccine-

4.2 Design of vaccination programme/ Mode of delivery 4.1 Vaccination schedule

3.2 Religion, culture, gender, socioeconomic, politics/ policies and... 3.1 Communication and media environment

2.2 Belief, attitude, knowledge, awareness about health and prevention

1.5 Alternative practice

1.4 Health system - trust, distance

1.3 Belief, attitude, knowledge, awareness about health and prevention

1.1 Sociodemographic

2 2.3 Health system 2 2.1 Experience with past vaccination 2 8 28 1.2 Experience with past vaccination 27 0 10 20 30 40 50 60 70

#### **Conclusion:**

As an emerging issue during COVID-19 pandemic especially in developed countries, vaccine hesitancy requires a multi-interventional approach to increase caregivers' confidence and competence in vaccination for their children.



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# 24th FAMILY MEDICINE SCIENTIFIC CONFERENCE

"RIDING OUT THE STORM: PRIMARY CARE RISING TO THE CHALLENGES"

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### List of Topics for Poster Presentation

NO.	TITLE	AUTHOR
52	Caregivers' Vaccine Hesitancy – A Scoping Review.	Dr. Nor Azam Kamaruzaman IIUM Family Health Clinic, Department of Family Medicine, Kulliyyah of Medicine, IIUM Kuantan, Pahang.
53	A Sharing Experience In Community-based Food And Health Promotion Programme For One To Five Years Old Undernutrition Orang Asli Children In Semenyih, Hulu Langat, Selangor.	Dr. Siti Nurhani Binti Rafan Klinik Kesihatan Bangi, Bandar Baru Bangi, Selangor.
54	Multidisciplinary Elderly Care In A Seamless Way - A Pilot Study.	Dr. Noor Harzana binti Harrun Klinik Kesihatan Pandamaran Klang, Selangor.
55	Knowledge And Practice Of Diabetic Foot Care And The Associated Factors For Practice Among Patients Attending Outpatient Clinics In Kuala Terengganu, Terengganu.	Dr. Nur Suhaila Bt Idris Department of Family Medicine, School of Medical Sciences, Universiti Sains Malaysia, Kubang Kerian, Kelantan.
56	Acceleration Of Wound Healing With Dermacyn® Wound Care Solution And Zorflex® Carbon Dressing In Diabetic Foot Ulcer.	Dr. Rachael Shamini Danasamy Klinik Kesihatan Bandar Tasik Mutiara, Pulau Pinang.
57	Prevalence And The Associated Factors Of Lipohypertrophy In Insulin-treated Type 2 Diabetes Patients In Malaysian Primary Care.	Dr. Siti Hawa Alias Klinik Kesihatan Port Dickson, Negeri Sembilan.
58	Association Of Depression And Anxiety With Asthma Control During The COVID-19 Pandemic Among Adult Asthmatics.	Dr. Woweham Sindeh Klinik Kesihatan Bandar Botanic, Klang, Selangor.

