



MAPA CONCEPTUAL UNIDAD III

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ASTHMA: A GLOBAL PROBLEM



RISK FACTORS

THE RISK OF SUFFERING FROM ASTHMA IS DETERMINED BY THE INTERACTION BETWEEN GENETIC PREDISPOSITION, FACTORS THAT ALTER THE DEVELOPMENT OF THE INDIVIDUAL, BEFORE BIRTH OR DURING CHILDHOOD, AND ENVIRONMENTAL EXPOSURES TO INHALED PARTICLES.

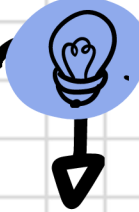
PROTECTORS

PRIMARY PREVENTION OF ASTHMA ONSET IN ADULTS IS BASED ON SMOKING CESSATION AND CONTROLLING OCCUPATIONAL EXPOSURES.



EXAMPLE

SOME EXAMPLES OF ASTHMA ARE:
EXERCISE-INDUCED ASTHMA
IT MAY BE MADE WORSE BY COLD, DRY AIR, AND MAY CAUSE COUGHING, WHEEZING, AND CHEST PAIN.
OCCUPATIONAL ASTHMA
IT IS TRIGGERED BY IRRITANTS IN THE WORKPLACE, SUCH AS CHEMICAL FUMES, GASES, OR DUST.
ALLERGY-INDUCED ASTHMA
IT IS TRIGGERED BY AIRBORNE SUBSTANCES SUCH AS POLLEN, MOLD SPORES, COCKROACH RESIDUE, OR PARTICLES OF SKIN AND DRIED SALIVA SHED BY PETS.

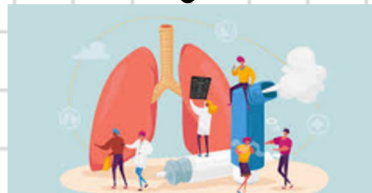


IMPACT ON DIFFERENT GROUPS

IT IS ESTIMATED THAT IN 2019 IT AFFECTED 262 MILLION PEOPLE IN THE WORLD AND CAUSED 461,000 DEATHS⁷. ALTHOUGH MORTALITY FROM ASTHMA WAS REDUCED BY 59% BETWEEN 1990 AND 2015, IN SOME POPULATION GROUPS, SUCH AS WOMEN OVER 65 YEARS OF AGE, THIS DECREASE IS NOT SIGNIFICANT^{8, 9}

ACCESS TO TREATMENT EXAMPLE

ACCESS TO ASTHMA TREATMENT GLOBALLY IS A PROBLEM IN MANY COUNTRIES. THE GLOBAL ASTHMA NETWORK (GAN) IS A COLLABORATION THAT SEEKS TO IMPROVE ASTHMA CARE GLOBALLY, ESPECIALLY IN LOW- AND MIDDLE-INCOME COUNTRIES.



EXAMPLE

THE USUAL SYMPTOMS ARE: PERSISTENT COUGH, ESPECIALLY AT NIGHT WHEEZING WHEN EXHALING AND SOMETIMES WHEN INHALING DYSPNEA OR DIFFICULTY BREATHING, SOMETIMES EVEN AT REST TIGHTNESS IN THE CHEST THAT DOES NOT ALLOW YOU TO BREATHE DEEPLY



COMMUNITY AWARENESS

THE FIRST STEP IS TO RAISE AWARENESS IN ALL COMMUNITIES THAT ASTHMA IS A SERIOUS AND SOMETIMES LIFE-THREATENING CHRONIC DISEASE THAT CAN BE CONTROLLED.

COSTS AND SOCIAL BURDEN EXAMPLE

FOR CHRONIC TREATMENT, BETWEEN 40 AND 70% OF THE EXPENDITURE IS SOMETIMES ALLOCATED, WHILE EXACERBATIONS ACCOUNT FOR 30% AND THE REST IS FOR HOSPITALIZATION. MEDICAL VISITS GENERATE A RELATIVELY LOWER COST THAN THE PREVIOUS ONES AND ARE VERY SIMILAR, WHETHER THE PATIENT IS EVALUATED IN THE HOSPITAL OR IN THE DOCTOR'S OFFICE. SOME SERIES HAVE DETERMINED THAT IT CAN REPRESENT UP TO 50% OF THE DIRECT COST.



EXAMPLE

IT IS ESTIMATED THAT MORE THAN 3 MILLION FAMILIES INCUR CATASTROPHIC EXPENSES (HEALTH EXPENSES GREATER THAN 30% OF THE PAYMENT CAPACITY, DISCOUNTING FOOD EXPENSES), OR IMPOVERISHING EXPENSES (EXPENSES OF ANY KIND THAT LEAD THE FAMILY TO POVERTY).

LITERATURE

PROBLEMS ABOUT ASTHMA GLOBAL LEVEL

<https://www.google.com/search?q=el+asma+es+un+problema+global+Y+SUS+PROTECTORES>

EXAMPLES OF ASTHMA AT A GLOBAL LEVEL

https://www.google.com/search?sca_esv=29cde2af3c8132ef&sxsrf=ADLYWILUjYqrM19RaSnVUsIVk8sE-pYWng:1730498949143&q=EJEMPLOS+DEL+ASMA+A+NIVEL+GLOBAL&udm=2&fbs=AEQNm0CbCVgAZ5mWEJD

GLOBAL IMPACT OF ASTHMA

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GLOBAL ACCESS TO ASTHMA TREATMENT

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