

ASBESTOS RELIEF TRUST KURUMAN

GOMOLEMO EDITH MOETSI

- BORN AND BRED AT LOOPENG (VILLAGE)
- START PRIMARY AT MAMPESTAD, MIDDLE SCHOOL AT BOSHENG MIDDLE SCHOOL AND HIGH SCHOOL AT MOSHAWENG ALL THIS SCHOOL ARE BASED IN LOOPENG
- HENRIETTA STOCKDALE NURSING COLLEGE : DIPLOMA IN NURSING
- POTCHEFSTROOM UNIVERSITY ; BACHELOR OF NURSING SCIENCE EDUCATION AND ADMINISTRATION
- UNIVERSITY OF FREE STATE : SPIROMETRY
- SEFAKO MAKGATHO HEALTH SCIENCE UNIVERSITY – DISPENSING
- BOSTON UNIVERSITY SCHOOL OF MEDICINE- PAEDADIATRIC NUTRITION
- CURRENTLY WORKING AS A PALLIATIVE CARE NURSE- ART



INTRODUCTION

- ✓ KURUMAN IS UNIQUE IN ITS NEED FOR MEDICAL INVESTIGATIONS OF ASBESTOS RELATED OCCUPATIONAL LUNG DISEASE.
- ✓ DUE TO THE TOWN'S CLOSE PROXIMITY TO ASBESTOS MINING IN NORTHERN CAPE.
- ✓ THIS HAS LED TO HIGH OCCURRENCE OF DISEASE THERE, AS A RESULT OF BOTH OCCUPATIONAL AND ENVIRONMENTAL EXPOSURE TO ASBESTOS.
- ✓ ALTHOUGH ASBESTOS MINING IN KURUMAN WAS OFFICIALLY STOPPED/CLOSED IN 1998 AND BANNED IN SOUTH AFRICA IN 2008, EX MINERS AND KURUMAN RESIDENTS STILL PRESENT WITH VARIOUS MANIFESTATION OF THE EFFECTS OF ASBESTOS ON THE LUNGS

MAIN FUNCTION OF THE TRUST

- ❖ COMPENSATE PEOPLE WHO WORKED AT QUALIFYING MINES DURING QUALIFYING TIMES.
- ❖ COMMUNITIES LIVING NEAR THOSE MINES WHO CONTRACTED ARD (ASBESTOS RELATED DISEASE)

ASBESTOS RELIEF TRUST - STRUCTURE

- JOHANNESBURG : CLAIMS, FINANCE, LEGAL AND FINAL ADMINISTRATION
- CAPE TOWN : MEDICAL CONSULTANT AND ADMINISTRATIONS
- KURUMAN : PALLIATIVE CARE SERVICE
 - HOME BASED CARE FOR LUNG CANCER AND MESOTHELIOMA
 - SUPPORTING PATIENT AND THEIR RELATIVE
 - DOING COMMUNITIES AWARENESS CAMPAIGN- A.I.G

WHAT IS ASBESTOS?

- ❖ IS MINERAL FIBER
- ❖ WAS CALLED MAGIC MINERAL, DUE TO ITS PROPERTIES
- ❖ LONG TIME AGO WAS ADDED TO A LOT OF PRODUCT TO PROVIDE STRENGTH
- ❖ IT WAS RESISTANT TO HEAT, CHEMICALS, USED FOR ROOFING, MIXED WITH CEMENT AND BUILDING SHIPS

DIFFERENT TYPE OF ASBESTOS

ASBESTOS



CHRYSOTILE



AMOSITE



CROCIDOLITE



TREMOLITE



ACTINOLITE



ANTHOPHYLLITE

CONTINUATION OF DIFFERENT TYPES OF ASBESTOS

- ✓ NORTHERN CAPE AND NORTH WEST – BLUE ASBESTOS
- ✓ LIMPOPO- BROWN
- ✓ MPUMALANGA – WHITE

WHO CAN BE AFFECTED

- MINE WORKERS
- PEOPLE LIVING NEAR ASBESTOS MINES
- PEOPLE STAYING WITH FAMILY MEMBERS WHO WORKED AT ASBESTOS MINES

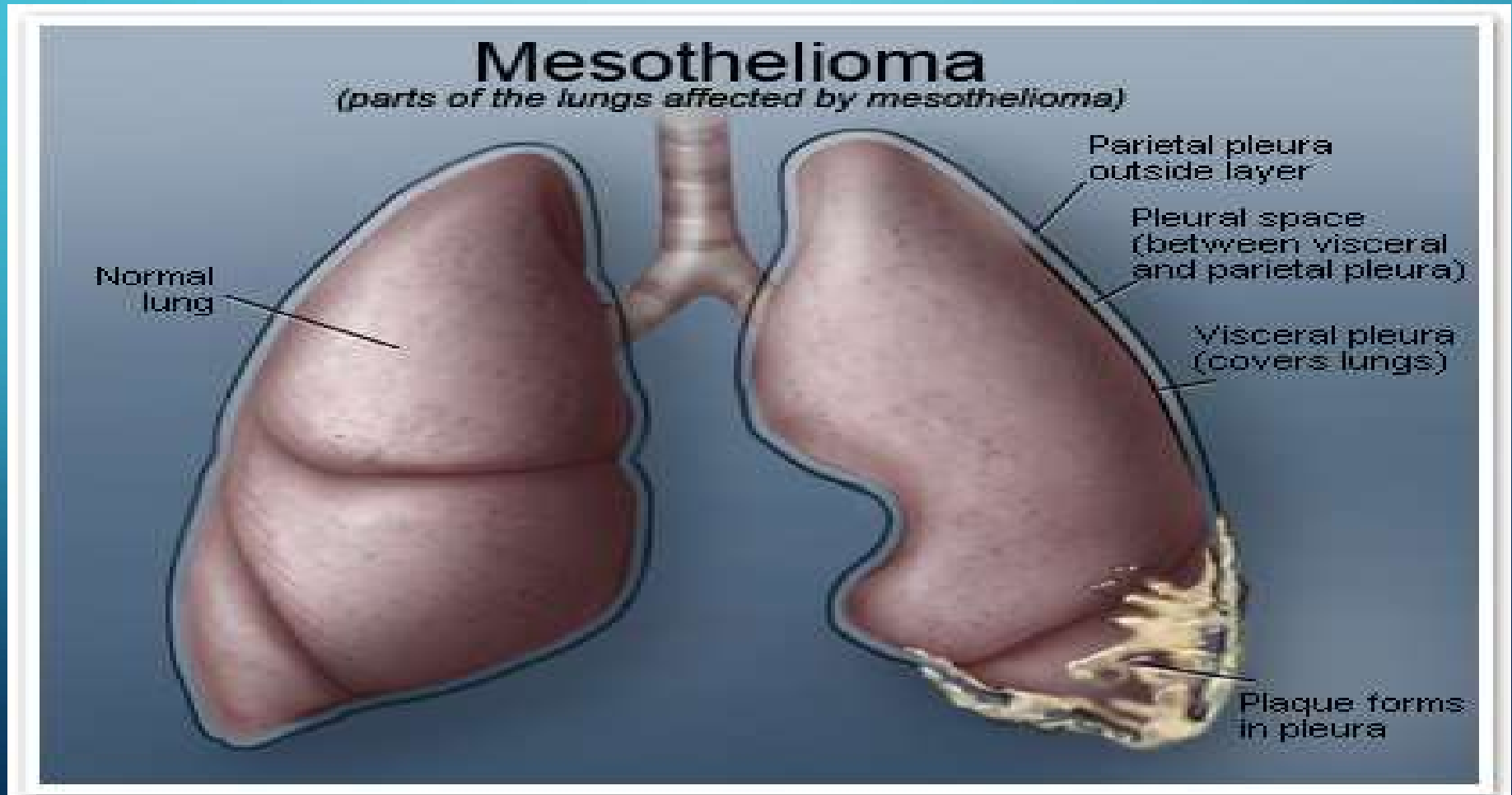
HOW LONG DOES IT TAKE TO SHOW THE SIGN

- 10- 50 YEARS AFTER BEING EXPOSED TO ASBESTOS

CATEGORIES OF ARD (ASBESTOS RELATED DISEASE) ACCORDING TO TRUST

- ❖ ARD 1- SCARRING OF THE LUNG VISIBLE ON CHEST X-RAY WITH MILD LUNG IMPAIRMENT
- ❖ ARD 2- PLEURAL THICKENING AND PLEURAL PLAQUES ASSOCIATED WITH ABNORMAL LFT AND RESTRICTED AIR ENTRY AND SEVERE LUNG IMPAIRMENT
- ❖ AR3- LUNG CANCER, AFFECT LUNG TISSUE
- ❖ ARD 4- MESOTHELIOMA, CANCER OF THE PLEURA

LUNG STRUCTURE



DISEASE MANIFESTATION AND INVESTIGATION

- SHORTNESS OF BREATH
- PERSISTENT DRY COUGH
- CHEST PAINS
- TIGHT CHEST

INVESTIGATION

❖ PATIENT

❖ HISTORY TAKING, AUSCULTATION AND PERCUSSION

- BASED ON THE RESULTS WE INFORM THE CLIENT
- REFER TO MEDICAL OFFICER
- CHEST X-RAY – CLIENT INFORMED
- REFERRED FOR FURTHER INVESTIGATION BASED ON THE CHEST X-RAY , IF IS SUSPICIOUS

PALLIATIVE CARE – WHAT IS IT?

- IT START WHEN PATIENT IS DIAGNOSED
 - APPROACH TO IMPROVE QUALITY OF LIFE TO PATIENT
 - FAMILIES FACING PROBLEMS ASSOCIATED THREATENING ILLNESS
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- GOAL OF PALLIATIVE CARE IS QUALITY OF LIFE, QUALITY OF LIFE FOCUSES ON FOUR DOMAINS
 - PHYSICAL
 - SOCIAL
 - EMOTION
 - SPIRITUAL

PALLIATIVE CARE FOCUSES PRIMARILY ON

- ANTICIPATING
- PREVENTING
- DIAGNOSING
- TREATING SYMPTOMS EXPERIENCED BY PATIENT WITH A SERIOUS OR LIFE THREATENING ILLNESS
- OFFERS SUPPORT SYSTEM TO HELP FAMILY TO COPE DURING THE PATIENT'S ILLNESS

PALLIATIVE CARE- CONTINUE

- ALTHOUGH THERE IS NO CURE FOR ARD, THERE ARE WAYS TO TREAT DISEASE SYMPTOMS TO IMPROVE QUALITY OF LIFE
 - SYMPTOMS LIKE : SHORTNESS OF BREATH
 - PAIN
 - DISCOMFORTO

CONCLUSION

I HOPE THIS SUMMIT IS NOT FOR SOCIAL GATHERING, SOMETHING POSITIVE WILL COME UP.

COMING TOGETHER IS A BEGINNING
KEEPING TOGETHER IS A PROGRESS
WORKING TOGETHER IS A SUCCESS!!!!

MAY THE GOD CONTINUE TO BLESS YOU ALL, I THANK YOU!