

# FACIAL RASHES/ERUPTIONS

DR TIEN MING LIM

MBCHB (OTAGO), FRACP

CONSULTANT DERMATOLOGIST



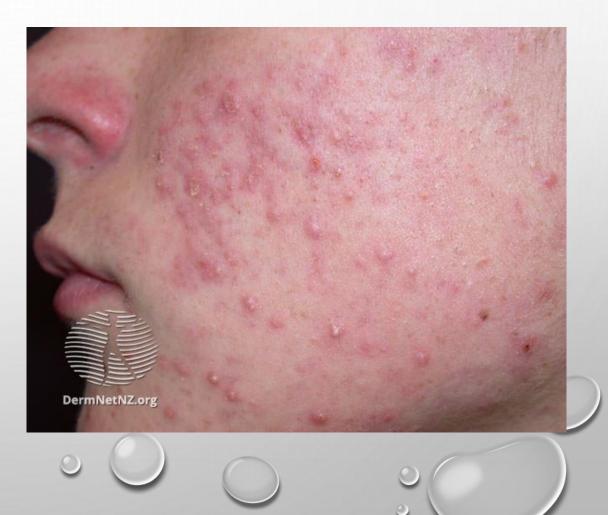
- CASES
- DISCUSS DIFFERENTIAL POINTS IN THE HISTORY AND EXAMINATION TO HELP
- MANAGEMENT TIPS





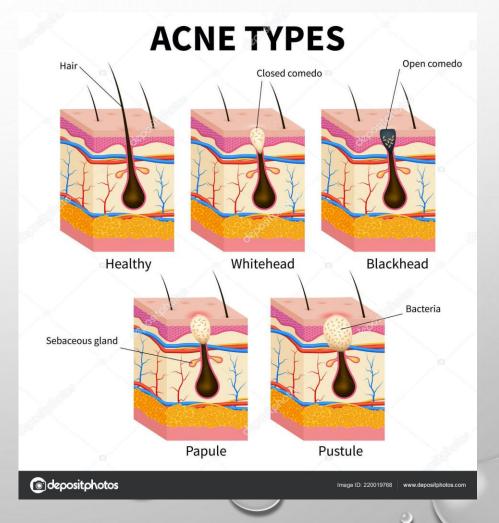


- 17 YEAR OLD FEMALE
- 3 YEAR HISTORY OF ACNE
- TRIED BENZOYL PEROXIDE OVER THE COUNTER



# TREATMENT

- TOPICAL
  - BENZOYL PEROXIDE
  - AZELAIC ACID
  - RETINOIDS
  - ANTIBIOTICS
- ORAL
  - ANTIBIOTICS
  - ISOTRETINOIN



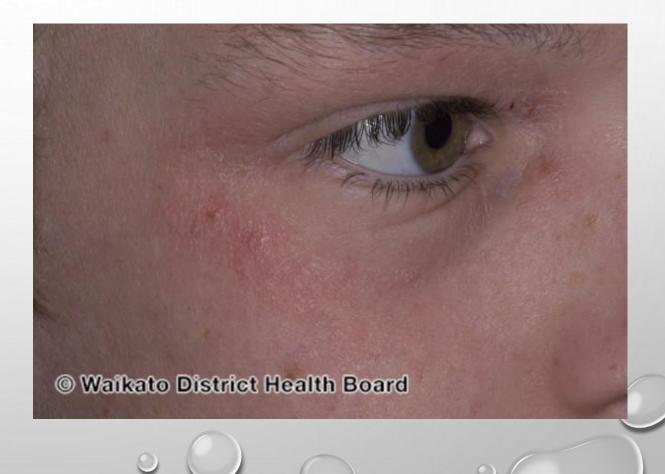
# ORAL AN

# **ORAL ANTIBIOTICS**

- NO BENEFIT IN CONCOMITANT ORAL AND TOPICAL ANTIBIOTICS
- INTERMITTENT BENZOYL PEROXIDE RECOMMENDED DURING ORAL ANTIBIOITCS TO ELIMINATE RESISTANT STRAINS
- EVIDENCE TO SUPPORT ERYTHROMYCIN AT 1G/DAY RATHER THAN 500MG/DAY. NO EVIDENCE REGARDING DOSE OF OTHER ORAL ANTIBIOTICS
- TREATMENT SHOULD BE AT LEAST 3 MONTHS, MAXIMAL EFFECT BY 6 MONTHS THEN IF RELAPSE, CHANGE MEDICATION



- 6 YEAR OLD GIRL
- ITCHY FACE, NECK, ARMS
- WORSENING OVER PAST 3 MONTHS
- NOT RESPONDING TO HYDROCORTISONE



#### ATOPIC ECZEMA – TOP TIPS

- EMOLLIENTS
- SOAP SUBSTITUTES
- TOPICAL STEROIDS APPROPRIATE TO SEVERITY AND CHECK IF PATIENT USING IT
- SHORT BURSTS OF MODERATE POTENCY STEROIDS TO ACHIEVE CONTROL
- TOPICAL CALCINEURIN INHIBITORS MAINTENANCE
- ALLERGY: ONLY RELEVANT IF
  - INSTANT URTICARIA/ITCHING AFTER EATING/CONTACT
  - SEVERE/RESISTANT ECZEMA ESP IF BOWEL SYMPTOMS OR FAILURE TO THRIVE

#### CASE 3

- 45 YEAR OLD WOMAN
- WORSENING FACIAL RASH
- UNCOMFORTABLE
- UNABLE TO APPLY ANY TOPICAL PRODUCTS
- WORSENS IN HEAT



#### ROSACEA

- SUBTYPES
  - ERYTHEMATOTELANGIECTATIC
  - PAPULOPUSTULAR
  - PHYMATOUS
- TREATMENT
  - DEPENDS ON SUBTYPE
  - AVOID TRIGGERS
  - SUN PROTECTION
  - TOPICAL AZELAIC ACID/METRONIDAZOLE
  - ORAL ANTIBIOTICS

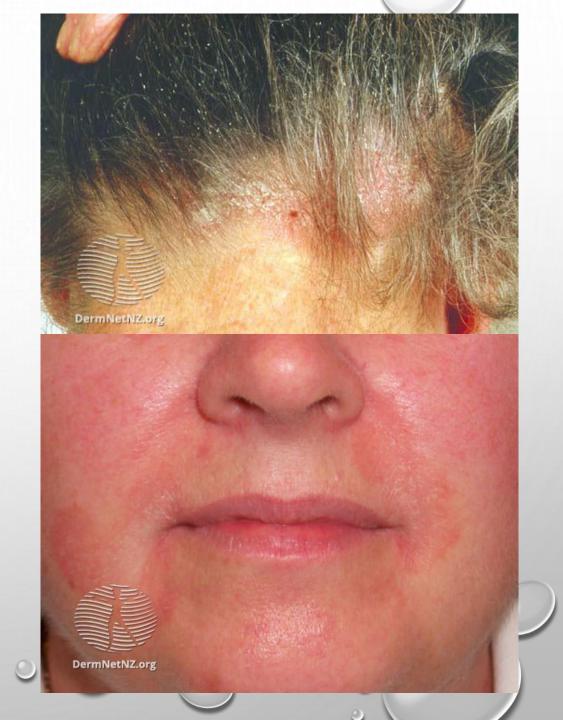


- MILD OR MODERATE PAPULOPUSTULAR ROSACEA
  - METRONIDAZOLE GEL/CREAM BD FOR 3-4 MONTHS
- MODERATE OR SEVERE PAPULOPUSTULAR ROSACEA
  - DOXYCYCLINE 100MG DAILY FOR 3-6 MONTHS
  - REPEAT 3 MONTHLY COURSE WHEN ROSACEA FLARES



CASE 4

- 35 YEAR OLD LADY
- IRRITATING RASH PAST 2 YEARS CENTRAL FACE
- HISTORY OF DANDRUFF
- OILY SKIN



# SEBORRHOEIC DERMATITIS

- MODERATE AND SEVERE DISEASE AFFECTING SCALP
  - KETOCONAZOLE SHAMPOO 2X/WEEK
- MORE SEVERE ERYTHEMA AND FLAKING ON SCALP ADD
  - BETAMETHASONE SCALP APPLICATION DAILY PRN
- DISEASE AFFECTING FACE AND BODY
  - KETOCONAZOLE CREAM 1-2X/DAY UNTIL RESOLUTION THEN REDUCE FREQUENCY TO DAILY OR ALT DAY USE
  - FOR INFLAMED SKIN, DAKTACORT OR HYDROCORTISONE 1% CREAM 1-2X A DAY UNTIL RESOLVED



- 45 YEAR OLD WOMAN
- IRRITATING RASH MAINLY ON LOWER HALF OF FACE AROUND NASOLABIAL FOLD AND LIPS
- BEEN USING INTRANASAL STEROIDS FOR HAYFEVER



# PERIORIFICIAL DERMATITIS

- RESPONDS WELL TO TREATMENT BUT MAY TAKE SEVERAL WEEKS BEFORE NOTICEABLE
  IMPROVEMENT
- GENERAL MEASURES
  - STOP ALL PRODUCTS
  - WEAN DOWN FROM POTENT TOPICAL STEROIDS
  - WASH FACE WITH WARM WATER ALONE WHEN RASH PRESENT
  - LIQUID OR GEL SUNSCREEN

# PERIORIFICIAL DERMATITIS

- TOPICAL
  - ERYTHROMYCIN
  - CLINDAMYCIN
  - METRONIDAZOLE
  - PIMECROLIMUS
  - AZELAIC ACID
- ORAL
  - DOXYCYCLINE 100MG DAILY FOR 3-6 MONTHS
  - ERYTHROMYCIN DURING PREGNANCY AND PRE-PUBERTAL CHILDREN
  - LOW DOSE ISOTRETINOIN IF ANTIBIOTICS INEFFECTIVE



- 50 YEAR OLD LADY
- RED, BLISTERING RASH AFFECTING EYELIDS, SCALP, FACE AND NECK
- PREVIOUS LESS SEVERE EPISODES AFFECTING UPPER EYELIDS AND RIMS OF EARS
- FOLLOWING HAIR DYE TREATMENTS



# PPD ALLERGY

- ACUTE SEVERE CASES
  - WASH HAIR AND SCALP THOROUGHLY WITH MILD SOAP OR SOAPLESS SHAMPOO TO REMOVE EXCESS DYE
  - 2% HYDROGEN PEROXIDE SOLUTION OR COMPRESSES OF POTASSIUM PERMANGATE IN A 1:5000 DILUTION TO COMPLETELY OXIDISE THE PPD
  - TO SOOTHE, SOFTEN THE CRUST, AND ALLEVIATE TIGHT FEELING OF SCALP, APPLY WET DRESSING OF COLD OLIVE OIL AND LIME
  - TOPICAL OR ORAL CORTICOSTEROIDS

# PPD ALLERGY

ADVICE

- AVOID USE OF ALL OXIDATION TYPE HAIR DYES
- INFORM HAIRDRESSER OF ALLERGY
- METALLIC HAIR DYES & VEGETABLE RINSE HAIR DYES MAY BE USED BUT DO NOT PROVIDE PERMANENT HAIR COLOUR
- SEMIPERMANENT HAIR DYES MAY BE SUITABLE ALTERNATIVE BUT 10% OF PEOPLE ALSO REACT TO THESE
- BLACK HENNA SHOULD BE AVOIDED
- PATCH TESTING IMPORTANT TO DETERMINE WHAT CAN BE USED SAFELY

