

Erythema, Flushing & Blushing: Is It All Rosacea?

Jonathan S. Weiss, MD
Gwinnett Dermatology, PC and
Gwinnett Clinical Research Ctr., Inc.
Snellville, GA

Rosacea – Definition, 1982

- A chronic inflammatory acneiform eruption of the flush areas of the face, especially the nose.
- Characteristics
 - Erythema
 - Pustules
 - Telangiectasia
 - Rhinophyma

Domonkos, Arnold, Odom, eds.: Andrews' Diseases of the Skin, 1982, W. B. Saunders Company



<http://dermatlas.med.jhmi.edu/derm/IndexDisplay.cfm?ImageID=1020138004>



<http://dermatlas.med.jhmi.edu/derm/IndexDisplay.cfm?ImageID=194772707>



<http://dermatlas.med.jhmi.edu/derm/IndexDisplay.cfm?ImageID=712267385>

Guidelines for the Diagnosis of Rosacea

- “National Rosacea Society Expert Committee on the Classification and Staging of Rosacea”
- J Am Acad Dermatology, 2002;46:584-7
- J. Wilkin, M. Dahl, M. Detmar, L. Drake, A. Feinstein, R. Odom, F. Powell

Rosacea Dx. Guidelines, 2002

- Presence of one or more of the following primary features:
 - Flushing (Transient Erythema)
 - Non-transient Erythema
 - Papules and(/or) Pustules
 - Telangiectasia

Rosacea Dx. Guidelines, 2002

- May include one or more of the following secondary features:
 - Burning or Stinging
 - Plaque
 - Dry Appearance
 - Edema
 - Ocular Manifestations
 - Peripheral Location
 - Phymatous Changes

NRS: Rosacea Subtypes

- Subtype 1:
 - Erythematotelangiectatic
- Subtype 2:
 - Papulopustular
- Subtype 3:
 - Phymatous
- Subtype 4:
 - Ocular

Erythematotelangiectatic Rosacea



<http://www.rosacea.org/patients/medicaltherapy/treatmentoptions.php>

Papulopustular Rosacea



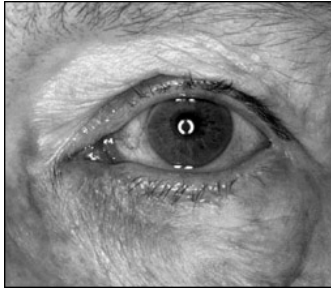
<http://www.rosacea.org/patients/medicaltherapy/treatmentoptions.php>

Phymatous Rosacea



<http://www.rosacea.org/patients/medicaltherapy/treatmentoptions.php>

Ocular Rosacea



<http://www.rosacea.org/patients/medicaltherapy/treatmentoptions.php>

Explanations for Changing Definition of Disease States

- Research/Science
 - Changes in knowledge of pathogenesis
- Clinical/Therapeutic Evolution
- Social/Political/Industrial Interest

Implications for Changing Definition of Disease States

- Patient Population
- Physician
 - Diagnostic
 - Therapeutic
- Industry

How is the NRS funded?

- “The National Rosacea Society (NRS) is sustained primarily by donations from individuals and industry.”
- In 2009, industry support accounted for over 85% of NRS funding

Source: <http://www.rosacea.org/about/financial.php>, 01May2011

Physician Issues for the Changing Definition of Rosacea

- Diagnostic
- Therapeutic
 - Pharmacologic
 - Oral
 - Topical
 - Procedural
- Patient Interactive
 - Therapeutic Choice
 - Counseling
 - Ability vs. Inability to help

Erythema, Flushing & Blushing: Is It All Rosacea?

Erythema, Flushing & Blushing:
Is It All Rosacea?

- Yes

Erythema, Flushing & Blushing:
Is It All Rosacea?

- Yes, **BUT**

Erythema, Flushing & Blushing:
Is It All Rosacea?

- Yes, **BUT**
- It is not all “treatable” with approved medications

Erythema, Flushing & Blushing:
Is It All Rosacea?

- Yes, **BUT**
- It is not all “treatable” with approved medications
- Dermatologists **MUST**:
 - Distinguish subtypes of rosacea
 - Know the appropriate therapies
 - Prescribe the appropriate therapies