

SKIN CANCER
SYMPOSIUMS

How Not to Miss a Melanoma

Katy Doherty

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NZRN, BHSc (Nursing)

Professional Diploma Dermoscopy – Health Cert

Some Key Melanoma Facts

- More than 6,000 melanomas are diagnosed in New Zealand every year.
- Melanoma accounts for nearly 80% of all skin cancer deaths.
- Almost 300 Kiwis die of melanoma every year.
- Around 70% of melanoma cases occur in people aged 50 years and older.
- Darker-skinned people may have a lower chance of getting melanoma, but they often have thicker, more serious melanomas.
- Melanoma rarely occurs in children.
- Men are twice as likely than women to die from melanoma.

Impact of Early Detection



Improves the prognosis and chances of successful treatment.



Allows for less invasive treatment options and better overall outcomes.



Can prevent the cancer from progressing to an advanced stage, reducing morbidity and mortality rates.

Dermatoscopes



Dermoscopy - The Evidence

•“...it’s use increases diagnostic accuracy between 5 and 30% over clinical visual inspection, depending on the type of skin lesion and the experience of the physician”

•Kittler H ,Pehamburger H, Wolff K, Binder M. Diagnostic accuracy of dermoscopy. Lancet Oncol 2002;3(3):159-165



DermLite DL4 | Pocket Dermoscopy ...

Dermatoscope = Stethoscope for the skin



=





A nice rotation flap by a plastic surgeon



Sections show a **seborrhoeic keratosis**. The lesion is broad. There is no evidence of malignancy or dysplasia. The lesion is clear of surgical margins.

Melanoma

- Most deadly form of skin cancer.
- 20 - 30 percent of melanomas develop in existing moles, while 70 - 80 percent arise on seemingly normal skin.
- More common on the backs and legs.
- Can be found in places that have never had UV exposure.
- Often asymptomatic.
- Colour: brown/black/red/blue/white/pink.



Professor Cliff Rosendahl

University of Queensland

Cliff is a Medical Practitioner with 40 years' experience, with a background in general practice and forensic medicine. His PhD project was in the field of skin cancer, particularly melanoma. Cliff collaborated with colleagues in Brisbane and Vienna to research the early diagnosis of melanoma and together they have evaluated and promoted the diagnostic method Chaos and Clues. Cliff is a Professor at The University of Queensland where he is director of the Master of Medicine (Skin Cancer) degree course and visiting Professor, Department of Dermatology at Tehran University of Medical Sciences, Iran. He has published over 100 papers in peer-review scientific journals and is author of a textbook on dermatoscopy, published in 8 languages and is a contributing author to several other textbooks in English and two in Spanish. Cliff has a busy schedule as an invited speaker to general practitioner and dermatologist groups both in Australia and internationally.



Professor Amanda Oakley

CNZM, University of Auckland

Amanda is a dermatologist in Hamilton, New Zealand. She is passionate about dermatoscopy, avoiding unnecessary excisions, and early diagnosis of melanoma. She is passionate about medical education. Dr Oakley is well known internationally for the popular online resource, DermNet New Zealand, and for her work in teledermatology. She is very proud to have been awarded honorary membership of the American Academy of Dermatology, the American Dermatological Association, the Skin Cancer College of Australasia and Melnet New Zealand. She lectures internationally about teledermatology and dermoscopy, and regularly facilitates workshops on dermoscopy.



Dr Chris Boberg, Director

Deputy Chair Melnet NZ. Chair of New Zealand Skin Cancer Doctors

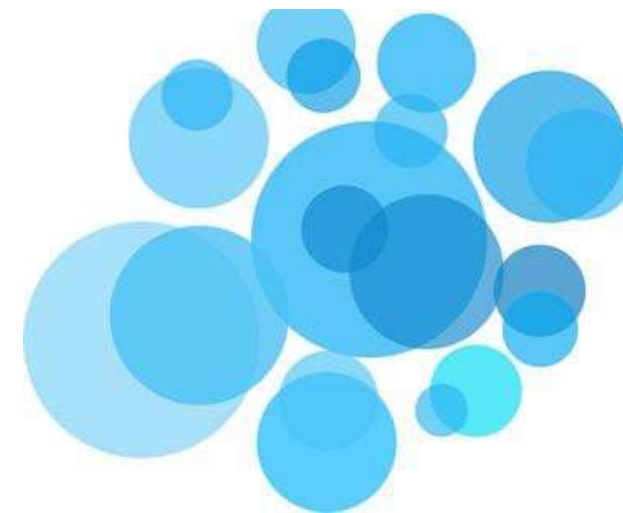
Chris is a GP with a longstanding interest in skin cancer. He has been in full-time practice as a skin cancer doctor since 2011. He has numerous qualifications in skin cancer including Advanced Skin Cancer Surgery (Queensland), Advanced Dermatoscopy (Graz University, Austria). He is the Deputy Chair of Melnet New Zealand and the Chair of New Zealand Skin Cancer Doctors. As one of New Zealand's leading skin cancer experts he has been a strong advocate for skin cancer prevention and treatment.



Dr Andrew MacGill, Director

Skin Cancer Doctor, Fellow of the Royal New Zealand College of GPs

Andrew is a GP who has had a special interest in medical and surgical management of skin cancer since 1998. As of 2015 after 25 years as a GP in New Zealand he has become a full-time skin cancer doctor. He is completing a Master's in dermatoscopy at the Medical University of Graz, Austria. He has also undergone additional training in cutaneous surgery here in New Zealand and in San Diego. He is highly experienced and meticulous with all forms of cutaneous surgery and has been using complex flaps and grafts for many years. Andrew is a very experienced dermatoscopist.



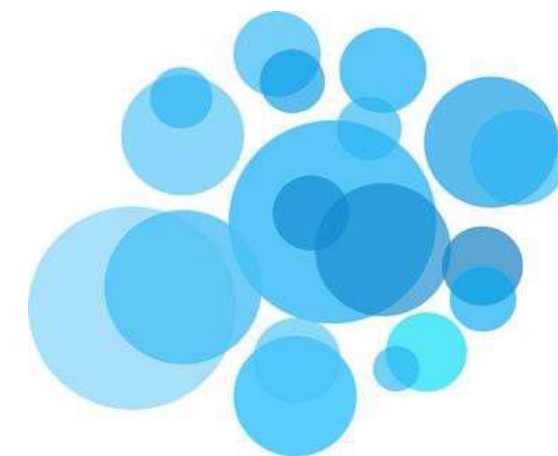
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Certificate of Dermatoscopy

- 2 Days \$1795 (NZD - Excludes GST)
- 27th-28th July 2024, University of Auckland
- Interactive 2 day world-class teaching event.
- Reinforces and builds upon the Introduction to Dermatoscopy.
- Breaks down dermatoscopy teaching into simple algorithms.
- Ensures you develop a solid footing in dermatoscopy for the safe clinical management of skin cancers.

Advanced Certificate of Dermatoscopy Online course

- 1 year access \$995 (NZD - Excludes GST)
- Learn at your own pace. - Comprehensive Dermatoscopy training.
- Interactive videos from Professors Amanda Oakley and Cliff Rosendahl, written material, images and quizzes.
- The excellent foundation you need to confidently use dermatoscopy to diagnose and manage lesions.



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Chaos and Clues: a decision algorithm for pigmented lesions based on revised pattern analysis

CHAOS & CLUES
A Dermatoscopic Decision Algorithm for Pigmented Skin Malignancy

Flowchart for the CHAOS & CLUES Algorithm

Revised Pattern Analysis
Pattern = Cobble's + Crust + Quaggers

Is there CHAOS?

CHAOS

CLUES

Specific Diagnosis of Pigmented Skin Malignancies

Exclusion of Seborrheic Keratosis by Pattern Analysis

Exclusion of CHAOS & CLUES

Affixation

References

PREDICTION without PIGMENT
A Decision Algorithm for Non-Pigmented Skin Malignancy

Class to Diagnose

White class

Red class

White class (short version)

Prediction without Pigment - short version

Prediction without Pigment - full version

White class (full version)

Red class (full version)

White class (short version)

Red class (short version)

Affixation

References

Look for the Ugly Duckling



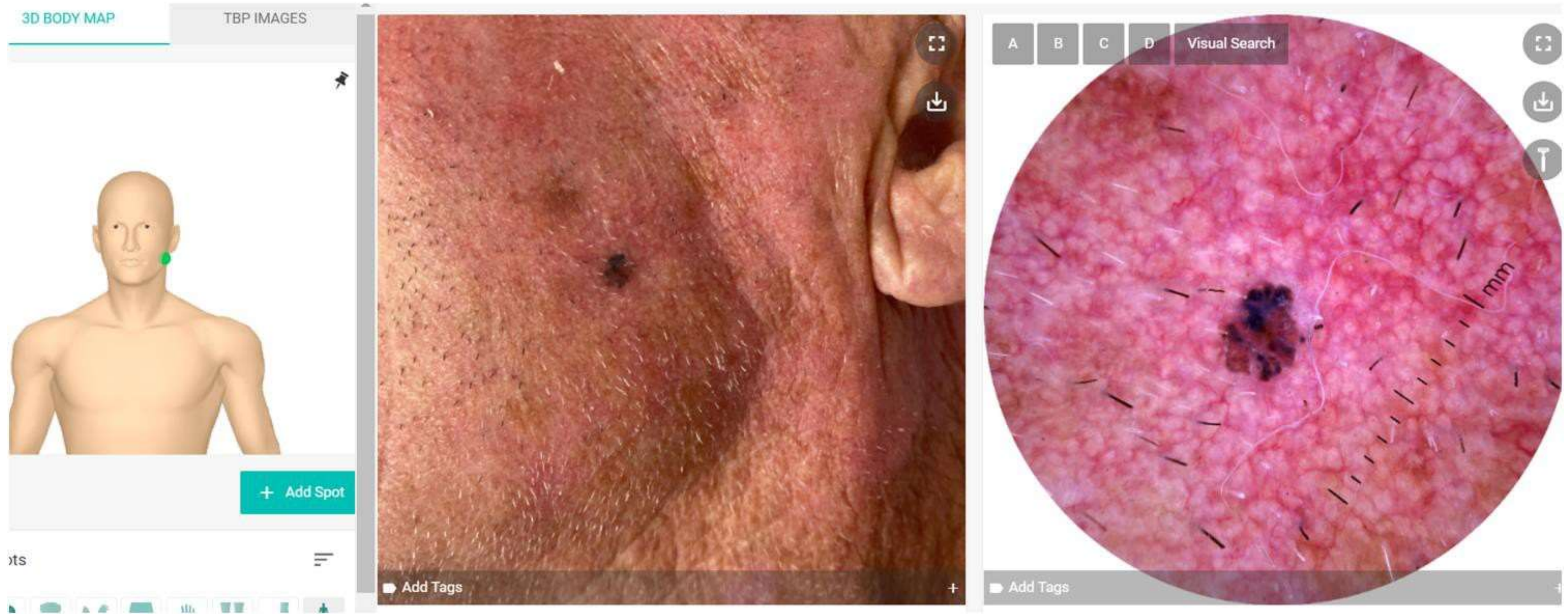
Image - Dermnet NZ

Ugly duckling?.....



Tracey Zeelie - Skinspect

New & Changing....

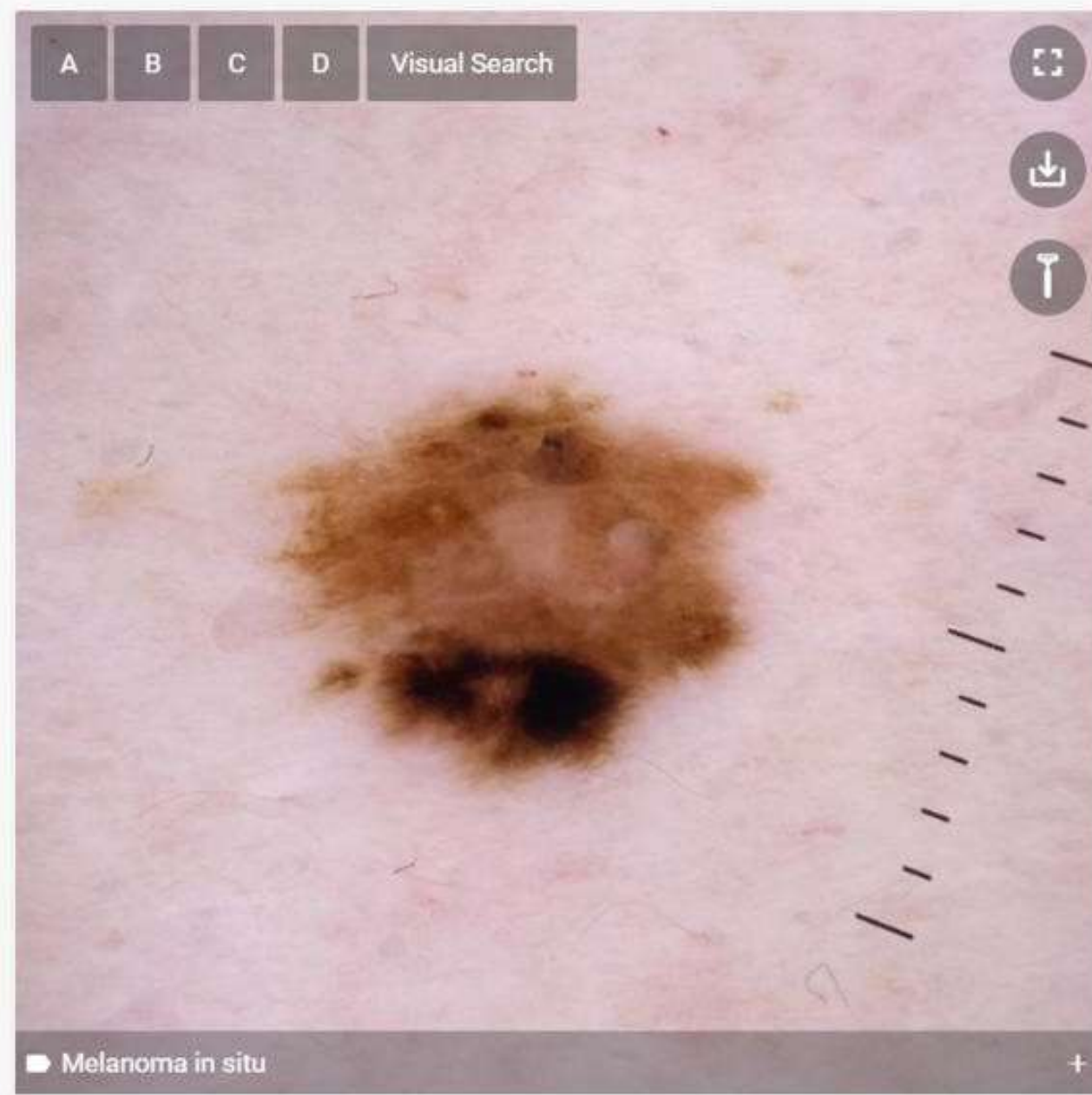
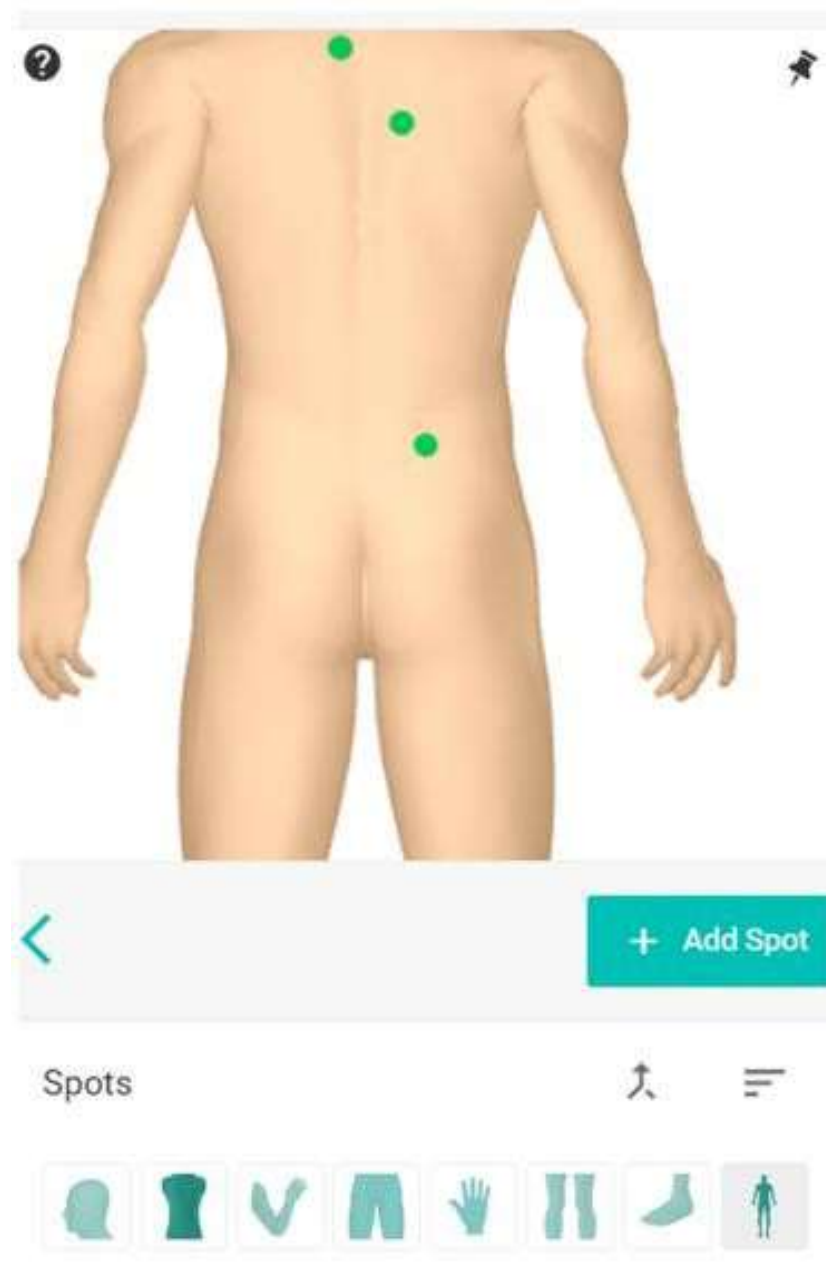


Espy Skin

Changing
mole....



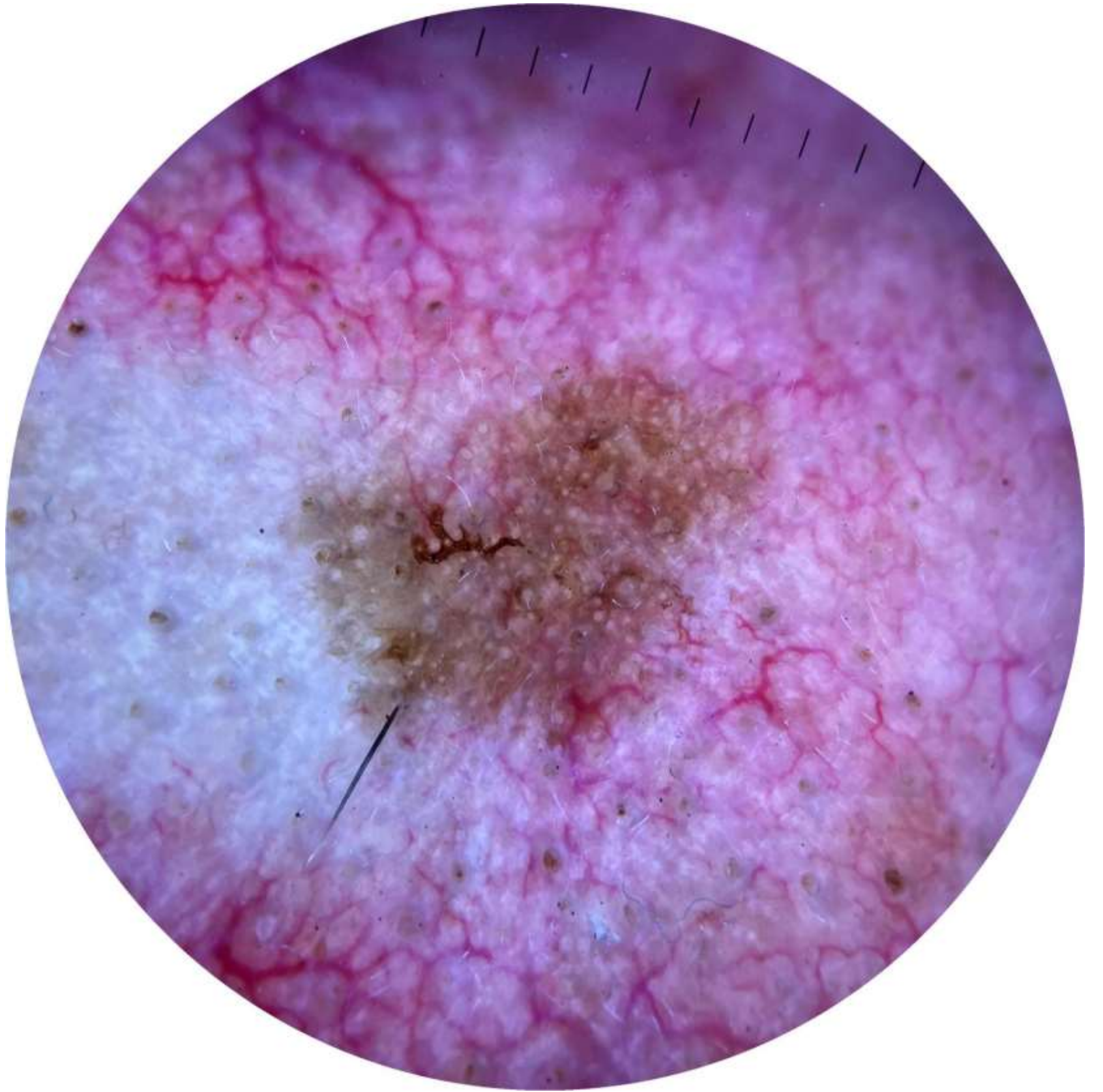
Espy Skin



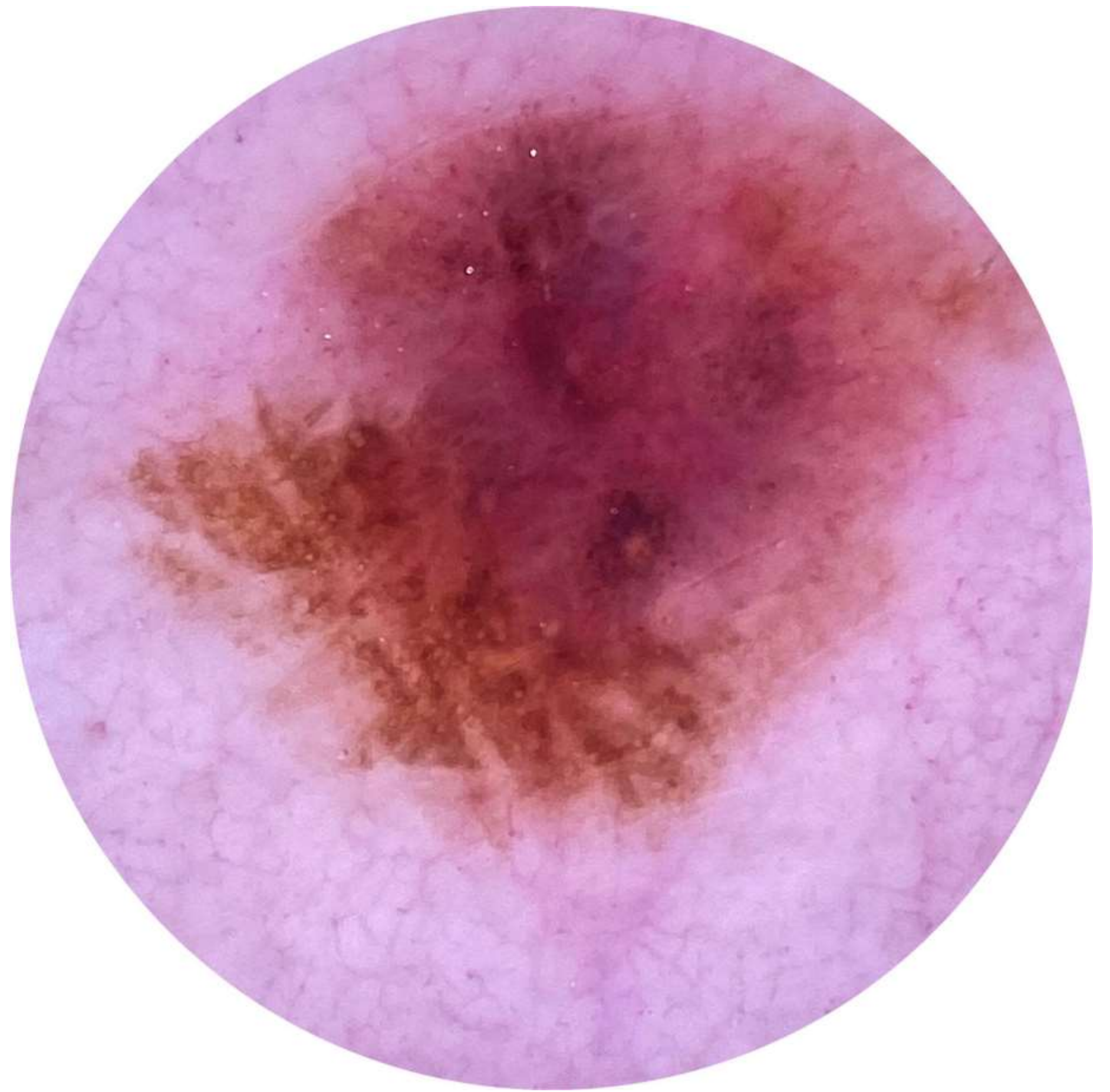
Espy Skin



Dr Andrew MacGill

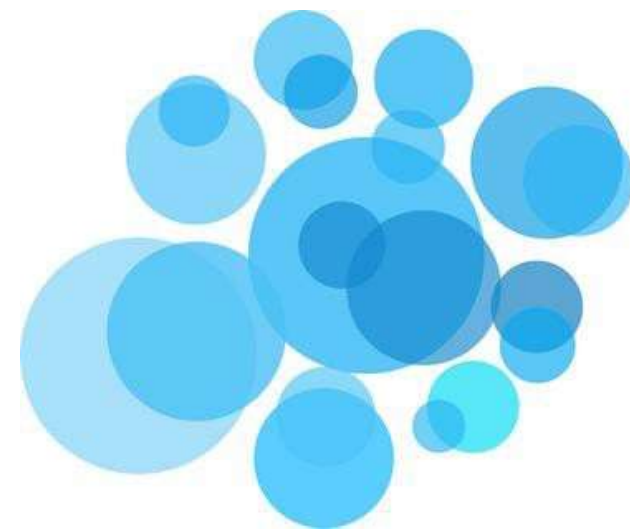


Dr Andrew MacGill

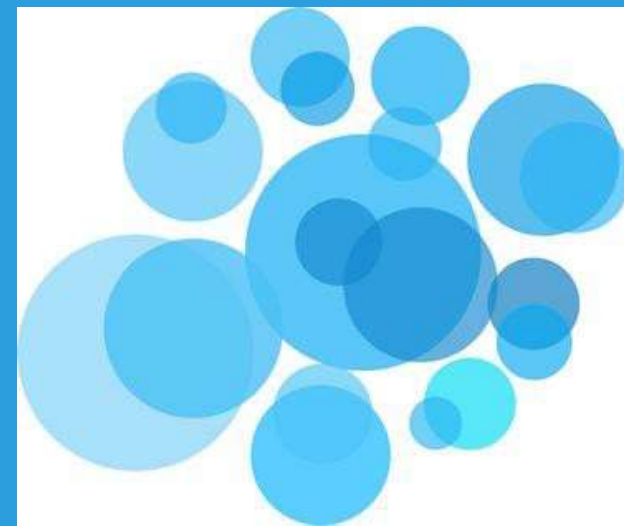


Dr Andrew MacGill

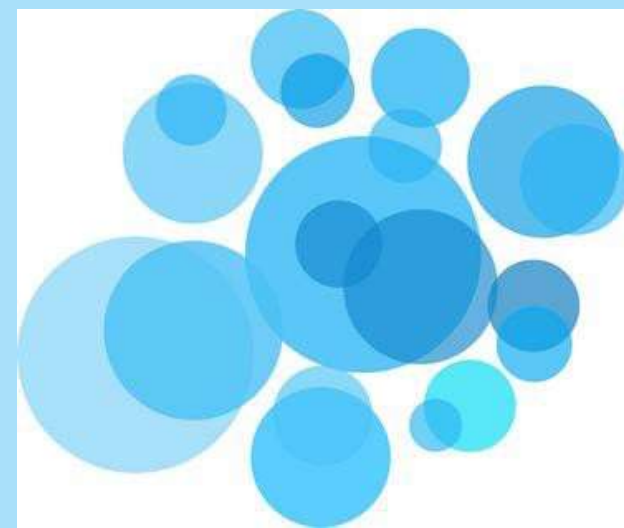
- Good luck looking out for that “Ugly Duckling”



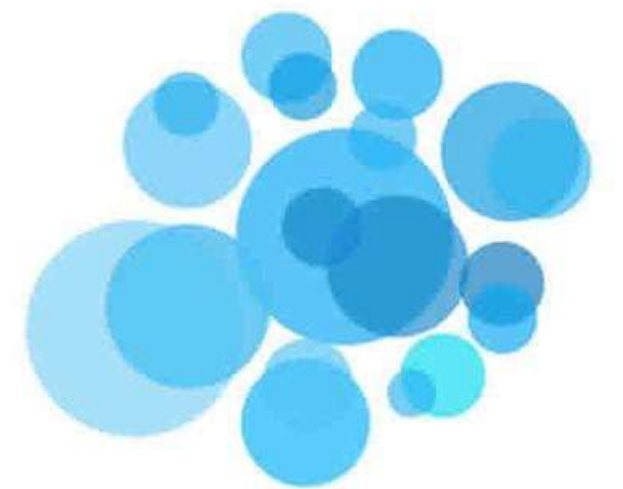
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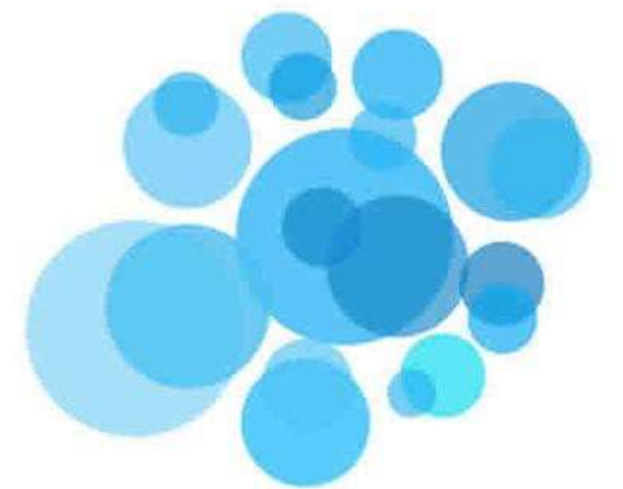
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