 STRATA DIAGNOSTICS 235 Bear Hill Road, Suite 201 Waltham, MA 02451 Phone # 877-872-8223 781-290-0057 Fax 781-290-0059 May Azar, MD, Medical Director	PATIENT INFORMATION EMILY ROLLINS Sex: F Ph#: _____ Age: 5 DOB: 12/24/2001 Social Security #: _____ Med Rec #: _____	PHYSICIAN INFORMATION LUCIBEL CRESPO, MD Facility: _____
	SPECIMEN INFORMATION Procedure Date: 8/20/2007 Accession #: DP07-00043 Received Date: 8/20/2007 Date of Report: 8/22/2007	
CONSULTATION PATHOLOGY REPORT	DIAGNOSIS	

A. NAIL MATRIX AND BED, RIGHT RING FINGER:

SEVERELY ATYPICAL INTRAEPITHELIAL MELANOCYTYC PROLIFERATION, MOSTLY IRREGULARLY NESTED AND DEEPLY PIGMENTED, CONSISTENT WITH SMALL YET UNUSUAL NEVUS, PERHAPS A REED'S PIGMENTED SPINDLE AND EPITHELIOID CELL NEVUS (AS A VARIANT OF SPITZ'S NEVUS) (SEE NOTE).

NOTE (A): THE LESION COULD BE COMPLETELY REMOVED. THE CHANGES ARE INSUFFICIENT FOR A DIAGNOSIS OF MALIGNANCY, EVEN IF SOME LENTIGINOUS OR EARLY PAGETOID AREAS ARE NOTED. FOLLOW-UP OF THE PATIENT IS RECOMMENDED.

B. SKIN AND NAIL UNIT (LONGITUDINAL PROFILE), RIGHT RING FINGER:

1. HEAVILY PIGMENTED UPPER PORTION OF THE DISTAL INTERMEDIATE AND KERATOGENOUS LAYERS OF THE MATRIX, CONSISTENT WITH THE SURFACE OF SMALL MELANOCYTYC NEOPLASM (SEE NOTE).


2. NAIL PLATE WITH LOWER 4/5 HYPERMELANINOSIS OF THE MATRICALLY DERIVED MID- AND DISTAL ONYCHOCYTES.

NOTE (B): ONLY PIGMENTED ONYCHOCYTES AND NO MELANOCYTES ARE IDENTIFIED IN THE DISTAL MATRIX OF THIS SPECIMEN. THERE IS NO EVIDENCE OF MELANOCYTES IN THE REST OF NAIL EPITHELIA. THE PROXIMAL NAIL PLATE AND THE PROXIMAL NAIL FOLD AND ITS TRUE CUTICLE ARE FREE OF MELANIN PIGMENT.

IN SHORT, NO PROLIFERATING MELANOCYTES BUT ONLY PIGMENTED ONYCHOCYTES, BOTH VIABLE (IN MATRIX) AND KERATINIZED (IN NAIL PLATE), ARE IDENTIFIED IN THIS SPECIMEN B.

COMMENTS (A&B): OVERALL, THE FINDINGS ARE STILL SUGGESTIVE OF A "BOISTEROUS" BENIGN PROCESS WITH MORE MELANIN PRODUCTION THAN MELANOCYTYC PROLIFERATION PROPER. IN THIS LIGHT, I FAVOR A PECULIAR NEVUS AND SUGGEST CONSERVATIVE MANAGEMENT OF THIS PATIENT.



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Electronically Signed by
Aldo Gonzalez-Serva, MD 8/22/2007

CLINICAL INFORMATION

Clinical Information:
Linear pigmented streak for 2 months. Malignant Melanoma In Situ/Dysplastic Nevus

SPECIMEN DATA

Gross Description:
Six HE-stained glass slides labeled "1780-07" from Dr. Lucibel Crespo, Caracas, Venezuela. Four slides are labeled "1780-07A" and 2 slides are labeled "1780-07B".

aldo gonzalez-serva, md/ag

Specimen Info:
, Right Ring Finger

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