

ADDITION OF DERMATOLOGY ASSESSMENT SERVICE AT THE RIH AND KGH POST-RENAL TRANSPLANT CLINICS

Dr. Henry Docherty, Dr. Marie Michaud, Dr. Kathryn Scobie, Erin Toplis NUA, Tina Rebs NUA, Jenna Brekke RN, Kaylee Clarkson RN, Kim McDuff RN, Christine Topley RN

Background

- Skin cancer is the most frequent malignancy in organ transplant recipients, 95% of which are squamous cell and basal cell carcinoma
- Dedicated transplant dermatology clinics, located within the transplant center, allow for easy access to dermatologic care and more frequent surveillance for high-risk patients.

Objectives

- To determine patient satisfaction with having dermatology assessment and treatment done at the KGH and RIH post-renal transplant clinics
- To support and enhance skin cancer screening, identification and treatment in renal transplant recipients that are followed at the RIH and KGH post-renal transplant clinics

Methods

Inclusion: Renal transplant recipients that had skin assessment completed at the KGH and RIH transplant clinics
Data Collection: Numerical data and patient survey conducted by one to one telephone or in person interviews

RIH Results

Data collected Sept 19, 2018 to July 3, 2019

- A total of **68** Skin assessments were completed
- A total of **14** patients had lesions treated with cryotherapy*
- A total of **6** patients were referred to plastic surgery
- A total of **7** excisions were done
- A total **7** biopsies were done
 - **4** (57%) of the biopsies had positive results and were positive for malignancy

* Cryotherapy was not available for the first two dermatology clinics at the RIH Post-Transplant Clinic

KGH Results

Data Collected June 5, 2017 to June 3, 2019

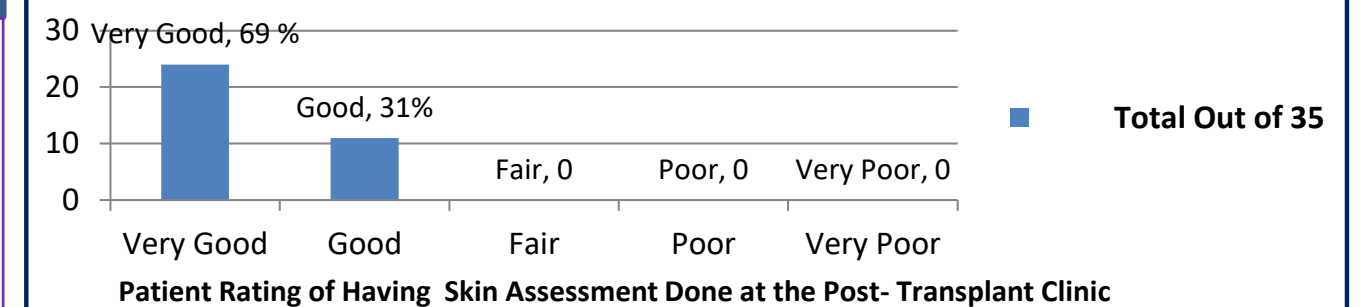
- A total of **216** skin assessments were completed
- A total of **49** lesions treated with cryotherapy
- A total of **11** excisions were done*
- A total of **11** skin biopsies were done, Breakdown of Biopsy results:
 - **4** (36%) biopsies positive for BCC
 - **2** (18%) biopsies positive for SCC
 - **1** biopsy positive for AK
 - **2** biopsies were keratoacanthoma
 - **1** biopsy was a sebaceous adenoma

*Excisions were not done at the transplant clinic

Conclusions

- Patient survey results showed that of the 55 RIH and KGH renal transplant recipients surveyed, **100%** recommended dermatology skin cancer assessment service continue at the transplant clinics on a permanent basis
- The RIH Patient Survey results demonstrated a theme of "Peace of Mind" with 54% (19 of 35) patients surveyed indicating that what liked most about having skin assessment done at the RIH transplant clinic was the peace of mind and decreased worry it provided
- Providing post-renal transplant dermatology service supported skin cancer screening for the RIH and KGH post-renal transplant patients as evidenced by a total of 284 skin cancer screening assessments being completed and 18 skin biopsies being done. Of the 18 biopsies, 10 showed pathology positive for malignancy and these positive lesions were excised and these patients referred to a higher level of care

How Was Your Experience of Having Skin Assessment at the RIH Renal Transplant Clinic?



Patient Survey Comments

"Having my skin assessed decreased my worry about skin cancer"

Source KGH Patient Surveys

"I have no GP [to do skin assessment] and no GP will take me. It was easy to see the skin doctor at the Transplant Clinic"

Source: KGH Patient Surveys

"Great idea to bring someone in to provide skin check in the clinic. It is a huge asset to transplant patients in their physical and mental health"

Source: RIH Patient Surveys

"I liked that I didn't have to travel to see a skin specialist"

Source: RIH Patient Surveys

"I learned new information [about skin cancer] and it brought this issue to the forefront and I will now pay closer attention to my skin"

Source: RIH Patient Surveys

References

- O.'Reilly, Zwald, Brown, J AM ACAD Dermatology ,Volume 65,number 2
 Patient Surveys KGH, RIH Post- Renal Transplant Clinics
 KGH Transplant Dermatology Clinic Data Collection , June 5, 2017 to June 3, 2019
 RIH Transplant Dermatology Clinic Data Collection Sept 19, 2018 to July 3, 2019