



Strategic Clinical Improvement Committee Partnerships in Action

Background, Problem Statement and Goal Statement

Contact dermatitis is a common occupational skin disea impact on patient quality of life. Allergic contact derma only after the skin has been sensitized to the allergen 12-72 hours. ACD accounts for approximately 20% of o workers, ACD is commonly seen in association with the rubber accelerators. Allergen avoidance, following ider allergic contact dermatitis treatment and prevention. **Problem:** Patients diagnosed with allergic contact hand barriers to eliminating glove-related allergens. This may impacting patients' symptoms, quality of life, functiona significant personal and health system burden. **Baseline Data:**

. No structured approach for Dermatologists to prome appropriate gloves in patients with ACHD related to glo 2. An estimated majority of patients do not return aft Aim: 95% of ACHD patients are followed up after patch promote adherence regarding the use of appropriate g aiding disease management.

Process Assessment: Project team reviewed literature and current best practices to develop a standard approach, a cross functional process map, and a cause and effect analysis to determine current process strengths and opportunities. Also, partnered with a glove vendor regarding glove availability.



J T **AG** <u>Collaboration & Communication Strategies:</u>

Physicians representing dermatology, occupational me developed a standard algorithm approach. Communication Approach:

1. To ensure patient awareness of dermatology appoir developed

Supporting patient advocacy - standard letter development

References

1.Held E, Skoet R, Johansen JD, Agner T. The hand eczema severity index (HECSI): a scoring system for clinical assessment of hand eczema. A study of inter- and intraobserver reliability. Br J Dermatol. 2005 Feb;152(2):302–7. 2.Finlay AY, Khan GK. Dermatology Life Quality Index (DLQI): a simple practical measure for routine clinical use. Clin Exp Dermatol, 1994; 19: 210-216.

Kaye Edmonton Clinic-Dermatology - Allergic Contact Dermatitis (ACD) Glove Induced Hand Dermatitis A. Smylie, P. Mathura, J. Elliott, S. Straube, C. Salguero, and M. Dytoc

ease, which has significant associated costs and atitis (ACD) presents as a delayed reaction occurring in question and typically develops over the course of occupational contact dermatitis. In healthcare e use of medical exam gloves due to the presence of ntification via patch testing, is the mainstay of	Improvement Selection and Implementation Plan: Time frame: Aug		
	Gaps	Intervention	
	Dermatologist- No standard approach to identifying appropriate gloves based on allergy	Developed a algorithm- patch testing identifies main allergens which then identifies appropriate gloves	Thiuram M Majority of gloves to May consider a formul Accelerator-free (S Hedy Latitude (Sulphur/Accelerator Diagno N-DEX Free (Best Mar
d dermatitis (ACHD) to rubber accelerators face y lead to multiple trials of various gloves, negatively ality, and work ability, thereby resulting in a	Not all appropriate ACD patients post patch test are followed by a dermatologist	Develop a dermatology rebook form Post patch test-Patient is given the rebook form along with a safe list and allergy report	
	No access to free gloves	Partnered with a glove vendor- PriMed to provide free gloves for patient trial	
ote adherence and advocate for the use of oves worn in the workplace. Ser patch testing for follow up with a Dermatologist In testing and are offered a structured approach to gloves, thereby promoting allergen avoidance and	No Glove trial	All appropriate ACD patients will be offered a glove trial	
	Patients advocate without support	Developed a standard letter in E-clinician to support patient advocacy with employer	

Allergic Contact Dermatitis (ACD) Gloved induced hand dermatitis				
Start: Pt arrives to Dermatology clinic 1Pt see's Dr Dytoc 2. Pt gets assessment 2. Pt g	views int Same problem Y int Same problem Y Same pr			
-Availa -Know educa place -Cost -Empi educa impac	ability vledge(lack of)/ stion in work over not ted to allergy t			
Dermatologist informs to book F/U appt post patient test and provides care mgmt Education	zist uses n/glove trial and given a support letter			
edicine and patch testing collaboratively	[Today's Date] To whom it may concern: RE: [Insert patient name] DOB: [Insert DOB]			
ntment follow up - rebook form was	I am writing this letter on behalf of my patient, [patient name], who I hav contact dermatitis of the hands in relation to [insert patient specific allerg As there is no cure for this diagnosis, the patient must adhere to a strict a and will require access to gloves not containing [insert specific allergens].			
oped	Sincerely yours,			
	[Insert dermatologist's name] Division of Dermatology			

