

**NHG-DERMATOLOGY SENIOR RESIDENCY PROGRAMME
TRAINING REQUIREMENT CHECKLIST (APMES)**



Name of Senior Resident	Dr
MCR No.	M
Start Date of Residency (DD-MMM-YYYY)	04-July-2023

**NHG-DERMATOLOGY SENIOR RESIDENCY PROGRAMME
TRAINING REQUIREMENT CHECKLIST (APMES)**

EPA TRAINING COMPLETION CHECKLIST

No.	EPA title	Status
1	Evaluate and manage common skin diseases and concerns	Yes <input type="checkbox"/> No <input type="checkbox"/>
2	Evaluate and manage dermatological emergencies	Yes <input type="checkbox"/> No <input type="checkbox"/>
3	Evaluate and manage common chronic skin diseases	Yes <input type="checkbox"/> No <input type="checkbox"/>
4	Evaluate and manage complex skin disorders	Yes <input type="checkbox"/> No <input type="checkbox"/>
5	Evaluate and manage common paediatric skin disorders	Yes <input type="checkbox"/> No <input type="checkbox"/>
6	Evaluate and manage patients with contact dermatitis and occupational dermatoses	Yes <input type="checkbox"/> No <input type="checkbox"/>
7	Evaluate and manage common skin cancers	Yes <input type="checkbox"/> No <input type="checkbox"/>
8	Evaluate and manage patients with photodermatoses	Yes <input type="checkbox"/> No <input type="checkbox"/>
9	Perform common dermatological procedures	Yes <input type="checkbox"/> No <input type="checkbox"/>
10	Evaluate and manage dermatological patients in an inpatient setting	Yes <input type="checkbox"/> No <input type="checkbox"/>
11	Evaluate and manage patients with or who are at risk of acquiring sexually transmitted infections (STIs)	Yes <input type="checkbox"/> No <input type="checkbox"/>
12	Order and perform a skin biopsy	Yes <input type="checkbox"/> No <input type="checkbox"/>

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EPA No.	1	
EPA Title	Evaluate and manage common skin diseases and concerns	
Medical Knowledge	<p><i>The following are core conditions/ topics included as but not limited to common skin diseases:</i></p> <ul style="list-style-type: none"> • Acne Vulgaris • Eczema / Dermatitis • Urticaria / Angioedema • Papulo-squamous disorders • Disorders of pigmentation • Skin Infections – viral, bacterial, fungal etc • Hair Disorders • Nail Disorders • Disorders of skin appendages • Benign skin tumours and skin cancers • Skin in systemic illnesses • Skin disorders in special populations – elderly, pregnant, immunocompromised • Psychodermatology • Epidemiology and Public Health in Dermatology 	
Professional Competence	Completed 2 x Mini-CEX	Yes <input type="checkbox"/> No <input type="checkbox"/>
	Completed 2 x EBD and achieved min. Proficient Competency Level	Yes <input type="checkbox"/> No <input type="checkbox"/>
Name of Evaluation Form	Form on MedHub	
(MiniCEX) EPA 1 - Evaluate and manage common skin diseases and concerns	 (MiniCEX) EPA 1 - Evaluate and manag	
(EBD) EPA 1 - Evaluate and manage common skin diseases and concerns	 (EBD) EPA 1 - Evaluate and manag	

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EPA No.	2	
EPA Title	Evaluate and manage dermatological emergencies	
Medical Knowledge	<p><i>The following are core conditions/ topics included as but not limited to dermatological emergencies</i></p> <ul style="list-style-type: none"> • Severe cutaneous adverse drug eruptions (eg. SJS, TEN, DRESS, AGEP, GBFDE) • Pustular psoriasis • Dermatomyositis with rapidly progressive ILD • Methotrexate toxicity • Severe autoimmune blistering disorders • Severe cutaneous infections (eg. necrotizing fasciitis, eczema herpeticum) • Generalised exfoliative dermatitis 	
	<p>Drug Eruption</p> <ul style="list-style-type: none"> • Severe cutaneous adverse drug reactions <ul style="list-style-type: none"> ○ SJS/TEN, DRESS, AGEP ○ Pathogenesis, including HLA associations and current recommendations on testing ○ Clinical features ○ Differential diagnoses ○ Identifying drug cause (application of ALDEN score for SJS/TEN). Role of skin tests ○ Management of acute condition and possible complications • Subsequent management and potential sequelae 	
Professional Competence	Completed 2 x Mini-CEX	Yes <input type="checkbox"/> No <input type="checkbox"/>
	Completed 2 x EBD and achieved min. Proficient Competency Level	Yes <input type="checkbox"/> No <input type="checkbox"/>
	Completed Core Skill Evaluation: SCORTEN Scoring	Yes <input type="checkbox"/> No <input type="checkbox"/>
	Completed Core Skill Evaluation: ALDEN Scoring	Yes <input type="checkbox"/> No <input type="checkbox"/>
	Passed Inpatient Care Core Module MCQ Test	Yes <input type="checkbox"/> No <input type="checkbox"/>

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Name of Evaluation Form	Form on MedHub
(MiniCEX) EPA 2 - Evaluate and manage dermatological emergencies	 (MiniCEX) EPA 2 - Evaluate and manag
(EBD) EPA 2 - Evaluate and manage dermatological emergencies	 (EBD) EPA 2 - Evaluation and Man
(Core Skill) EPA 2 – Core Skill Evaluation: SCORTEN Scoring	 (Core Skill) EPA 2_10 - Core Skill Evaluatic
(Core Skill) EPA 2 – Core Skill Evaluation: ALDEN Scoring	 (Core Skill) EPA 2_10 - Core Skill Evaluatic



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EPA No.	3
EPA Title	Evaluate and manage common chronic skin diseases
Medical Knowledge	<p><i>The following are core conditions/ topics included as but not limited to common chronic skin diseases:</i></p> <p>Psoriasis</p> <ul style="list-style-type: none"> Clinical aspects <ul style="list-style-type: none"> Recognize and differentiate clinical subtypes of psoriasis, mimickers of psoriasis Able to grade severity of psoriasis accurately through PASI, BSA. Screen for comorbidities, quality of life and knowledge of other health care professionals to refer patients on for further management such as primary care physicians, rheumatology, internal medicine, smoking cessation clinic, MSW Completion of clinical notes psoriasis proforma, metabolic screening and PASI Pathophysiology Therapy <ul style="list-style-type: none"> Competently tailor treatment of psoriasis based on severity, site of disease (eg scalp, nail, face, joints), patient considerations To be conversant on the various oral systemics and biologics in psoriasis, their indications, contraindications, dosing and side effects Accurately screen and monitor patients before starting phototherapy and systemic treatment, correctly monitor for side effects and toxicity while on treatment <p>Atopic dermatitis</p> <ul style="list-style-type: none"> Clinical aspects <ul style="list-style-type: none"> Understand and be familiar with the use of UK Working Party Criteria in the diagnosis of atopic dermatitis. Appreciate its limitations in adult eczema Appreciate the use of other diagnostic criteria in the diagnosis of atopic dermatitis such as Hanifin and Rajka Criteria and American Academy of Dermatology Diagnostic criteria. Recognize and differentiate clinical subtypes of eczema (discoid eczema, papular eczema, asteatotic eczema, stasis eczema), mimickers of eczema and differential diagnoses. Pathophysiology of Eczema Topical & emollients <ul style="list-style-type: none"> Appreciate the types of emollients and principles of wet wrap/double pyjamas therapy. Competently tailor treatment of eczema based on severity, site of disease (eg face, periorbital, palms/soles, genitals), patient considerations Phototherapy <ul style="list-style-type: none"> Identify suitable eczema patients for phototherapy treatment and competently counsel on the effectiveness and limitations of phototherapy treatment in eczema (including hand eczema) patients

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	<ul style="list-style-type: none"> • Systemic therapy <ul style="list-style-type: none"> - To be conversant on the various oral systemics in treatment of eczema, their indications, contraindications, dosing and side effects - Accurately screen and monitor patients before starting systemic treatment, correctly monitor for side effects and toxicity while on treatment - Appreciate the differences in time to peak effects of various systemic treatment • Hand eczema <ul style="list-style-type: none"> - To be competent in assessment of hand eczema in terms of identification of triggers, assessment of current and previous treatments, impact of the conditions and appropriate investigation such as patch testing. • Generalized exfoliative dermatitis <ul style="list-style-type: none"> - To be competent in assessment of GED in terms of consideration of differential diagnoses, identification of triggers, assessment of current and previous treatments, impact of the conditions and appropriate investigations for GED workup 	
Professional Competence	Completed 2 x Mini-CEX	Yes <input type="checkbox"/> No <input type="checkbox"/>
	Completed 2 x EBD and achieved min. Proficient Competency Level	Yes <input type="checkbox"/> No <input type="checkbox"/>
	Completed Core Skill Evaluation: PASI Grading	Yes <input type="checkbox"/> No <input type="checkbox"/>
	Completed Core Skill Evaluation: SCORAD Grading	Yes <input type="checkbox"/> No <input type="checkbox"/>
	Passed Psoriasis, Eczema, Photobiology and Photodermatology (PEPP) Core Module MCQ Test	Yes <input type="checkbox"/> No <input type="checkbox"/>
Name of Evaluation Form	Form on MedHub	
(MiniCEX) EPA 3 - Evaluate and manage common chronic skin diseases	 (MiniCEX) EPA 3 - Evaluate and manag	
(Core Skill) EPA 3 – Core Skill Evaluation: PASI Scoring	 (Core Skill) EPA 3 – Core Skill Evaluation	
(EBD) EPA 3 - Evaluate and manage common chronic skin diseases	 (EBD) EPA 3 - Evaluate and manag	



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EPA No.	4	
EPA Title	Evaluate and manage complex skin disorders	
Medical Knowledge	<p>Common complex skin diseases including but not limited to immunemediated skin disease, skin diseases requiring immunosuppressants for management, skin diseases in immunocompromised patients and patients with multiple co-morbidities.</p> <p><i>The following are core conditions/ topics included as but not limited to complex skin disorders:</i></p> <ul style="list-style-type: none"> • Pyoderma gangrenosum • Lupus erythematosus • Dermatomyositis • Scleroderma/Morphea • Vasculitis • Autoimmune blistering diseases • Erythema multiforme • Behcet's disease • Sweet's syndrome, and and other neutrophilic dermatoses 	
Professional Competence	Completed 2 x Mini-CEX	Yes <input type="checkbox"/> No <input type="checkbox"/>
	Completed 2 x EBD and achieved min. Proficient Competency Level	Yes <input type="checkbox"/> No <input type="checkbox"/>
	Passed Immunodermatology Core Module MCQ Test	Yes <input type="checkbox"/> No <input type="checkbox"/>
Practical Procedures	<p>Observed 4 x DIF:</p> <ul style="list-style-type: none"> • Bullous Pemphigoid • Pemphigus Vulgaris • Vasculitis • Cutaneous Lupus Erythematosus 	Yes <input type="checkbox"/> No <input type="checkbox"/>
Name of Evaluation Form	Form on MedHub	
(MiniCEX) EPA 4 - Evaluate and manage complex skin disorders	 (MiniCEX) EPA 4 - Evaluate and manag	
(EBD) EPA 4 - Evaluate and manage complex skin disorders	 (EBD) EPA 4 - Evaluate and manag	




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EPA No.	5
EPA Title	Evaluate and manage common paediatric skin disorders
Medical Knowledge	<p><i>The following are core conditions/ topics included as but not limited to common paediatric skin disorders:</i></p> <ul style="list-style-type: none"> • Infections: impetigo, viral warts, molluscum contagiosum, scabies, candidiasis, tinea capitis • Childhood papulosquamous disorders • Atopic dermatitis <ul style="list-style-type: none"> ○ Clinical aspects <ul style="list-style-type: none"> ○ Able to assess the extent and severity of eczema ○ Pathophysiology ○ Topical & systemic therapy <ul style="list-style-type: none"> ○ Competently tailor treatment of atopic dermatitis based on severity, patient considerations ○ To be conversant on the various topical treatment including calcineurin inhibitors and oral systemics in atopic dermatitis, their indications, contraindications, dosing and side effects ○ Accurately screen and monitor patients before starting phototherapy and systemic treatment, correctly monitor for side effects and toxicity while on treatment ○ To be familiar with wet dressing therapy and proactive therapy • Cutaneous mastocytosis • Common childhood tumours: vascular (infantile haemangioma-indications for oral propranolol, pyogenic granuloma, etc), nevus sebaceus, epidermal cyst, juvenile xanthogranuloma • Vascular malformations: port wine stain / venous malformation • Congenital melanocytic naevi • Congenital ichthyosis • Connective tissue disorders: neonatal lupus erythematosus, juvenile dermatomyositis • Genodermatoses including inherited blistering disorders eg epidermolysis bullosa • Langerhans cell Histiocytosis

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	<ul style="list-style-type: none"> Neonatal: development of the skin, common neonatal skin disorders 	
Professional Competence	Completed 1 x Mini-CEX on Atopic Dermatitis	Yes <input type="checkbox"/> No <input type="checkbox"/>
	Completed 1 x Mini-CEX on Paediatric Dermatology (excluding Atopic Dermatitis)	Yes <input type="checkbox"/> No <input type="checkbox"/>
	Completed 2 x EBD and achieved min. Proficient Competency Level	Yes <input type="checkbox"/> No <input type="checkbox"/>
	Passed Paediatric Dermatology Core Module MCQ Test	Yes <input type="checkbox"/> No <input type="checkbox"/>
Name of Evaluation Form	Form on MedHub	
(MiniCEX) EPA 5 - Evaluate and manage common paediatric skin disorders	 (MiniCEX) EPA 5 - Evaluate and manag	
(EBD) EPA 5 - Evaluate and manage common paediatric skin disorders	 (EBD) EPA 5 - Evaluate and manag	



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EPA No.	6	
EPA Title	Evaluate and manage patients with contact dermatitis and occupational dermatoses	
Medical Knowledge	<p><i>The following are core conditions/ topics included as but not limited to contact dermatitis and occupational dermatoses:</i></p> <ul style="list-style-type: none"> • Allergic contact dermatitis: Clinical aspect and patch testing. • Irritant contact dermatitis: concept and clinical aspect • Photoallergic contact dermatitis: clinical aspect and photo-patch testing • Contact urticaria and protein contact dermatitis: clinical aspect and prick testing • Approach to occupational skin diseases and the industries in Singapore • Contact allergens: rubber, metals, skin care products, cosmetics, topical medication and plants • Adverse reaction versus allergy: drugs and food • Predictive testing 	
Professional Competence	Completed 2 x Mini-CEX	Yes <input type="checkbox"/> No <input type="checkbox"/>
	Completed 2 x EBD and achieved min. Proficient Competency Level	Yes <input type="checkbox"/> No <input type="checkbox"/>
	Completed Core Skill Evaluation: Patch Testing	Yes <input type="checkbox"/> No <input type="checkbox"/>
	Passed Contact Dermatitis Core Module MCQ Test	Yes <input type="checkbox"/> No <input type="checkbox"/>
Practical Procedure	Observed 1 x Patch Testing	Yes <input type="checkbox"/> No <input type="checkbox"/>
Name of Evaluation Form	Form on MedHub	
(MiniCEX) EPA 6 - Evaluate and manage patients with contact dermatitis and occupational dermatoses	 (MiniCEX) EPA 6 - Evaluate and manag	
(EBD) EPA 6 - Evaluate and manage patients with contact dermatitis and occupational dermatoses	 (EBD) EPA 6 - Evaluate and manag	
(Core Skill) EPA 6 – Core Skill Evaluation: Patch Testing	 (Core Skill) EPA 6 - Core Skill Evaluation	

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EPA No.	7		
EPA Title	Evaluate and manage common skin cancers		
Medical Knowledge	<p><i>The following are core conditions/ topics included as but not limited to common skin cancers:</i></p> <ul style="list-style-type: none">• Dermoscopy• BCCs• AKs / Bowen's / SCCs• Melanomas• Extra-mammary Paget's• Angiosarcoma• Kaposi's sarcoma• Dermatofibrosarcoma protuberans• Cutaneous T- and NK-cell lymphomas<ul style="list-style-type: none">○ Mycosis fungoides○ Primary cutaneous CD30+ lymphoproliferative disorders○ Subcutaneous panniculitis-like T-cell lymphoma○ Extranodal NK/T-cell lymphoma, nasal type• Cutaneous B-cell lymphomas<ul style="list-style-type: none">○ Primary cutaneous marginal zone B-cell lymphoma○ Primary cutaneous follicle center lymphoma○ Primary cutaneous diffuse large B-cell lymphoma, leg type		
Professional Competence	Completed 2 x Mini-CEX	Yes <input type="checkbox"/> No <input type="checkbox"/>	
	Attended Dermoscopy workshop	Yes <input type="checkbox"/> No <input type="checkbox"/>	
	Completed 2 x EBD and achieved min. Proficient Competency Level	Yes <input type="checkbox"/> No <input type="checkbox"/>	
	Passed Skin Cancer & Lymphoma Core Module MCQ Test	Yes <input type="checkbox"/> No <input type="checkbox"/>	
Practical Procedures (Observed)	<ul style="list-style-type: none">• Cryotherapy for AKs / SCC-in-situ• Mole checks• PDT clinic – sit-in & observation		




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	<ul style="list-style-type: none"> • Skin cancer surgery • Dermatologic & plastic surgeons • Mohs micrography surgery – 1 session observe
Name of Evaluation Form	Form on MedHub
(MiniCEX) EPA 7 - Evaluate and manage common skin cancers	 (MiniCEX) EPA 7 - Evaluate and manag
(EBD) EPA 7 - Evaluate and manage common skin cancers	 (EBD) EPA 7 - Evaluate and manag

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EPA No.	8	
EPA Title	Evaluate and manage patients with photodermatoses	
Medical Knowledge	<p><i>The following are core conditions/ topics included as but not limited to photodermatoses:</i></p> <p>Photobiology</p> <ul style="list-style-type: none"> • Basics of electromagnetic radiation • Basics of skin optics • Interactions between radiation and skin • Responses of normal skin to ultraviolet radiation • Pathological photosensitivity <p>Phototherapy</p> <ul style="list-style-type: none"> • Indications • Light sources • Dosimetry • Protocols for various dermatoses • Safe delivery of phototherapy • Be familiar with how to start patients on phototherapy, counselling, monitoring for side effects and continuing/tapering treatment <p>Photodermatoses</p> <ul style="list-style-type: none"> • To competently differentiate between primary photodermatoses and photoaggravated disorders based on clinical history, physical examination and phototesting • To treat these conditions effectively through photoprotection counselling, use of pharmacy sun protection counselling, oral systemics and phototherapy 	
Professional Competence	Completed 2 x Mini-CEX	Yes <input type="checkbox"/> No <input type="checkbox"/>
	Completed 2 x EBD and achieved min. Proficient Competency Level	Yes <input type="checkbox"/> No <input type="checkbox"/>
	Completed Core Skill Evaluation: Phototest Reading	Yes <input type="checkbox"/> No <input type="checkbox"/>
	Passed Psoriasis, Eczema, Photobiology and Photodermatology (PEPP) Core Module MCQ Test	Yes <input type="checkbox"/> No <input type="checkbox"/>
Practical Procedures <i>Observed any 4 phototherapy</i>	<ul style="list-style-type: none"> • Narrow Band UVB – New Patients • Narrow Band UVB – Follow Up Cases • Localised Phototherapy • Targeted Phototherapy • Narrowband UVB Nurse Counselling • Targeted Phototherapy • Soap/Paint PUVA • UVA1 • UVA/NBUVB • Oral/Bath PUVA • Photodynamic Therapy • Scalp Treatment 	Yes <input type="checkbox"/> No <input type="checkbox"/>
	Observed 2 x Phototest readings	Yes <input type="checkbox"/> No <input type="checkbox"/>

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Name of Evaluation Form	Form on MedHub
(MiniCEX) EPA 8 - Evaluate and manage patients with photodermatoses	 (MiniCEX) EPA 8 - Evaluate and manag
(Core Skill) EPA 8 – Core Skill Evaluation: Phototest Reading	 (Core Skill) EPA 8 – Core Skill Evaluation
(EBD) EPA 8 - Evaluate and manage patients with photodermatoses	 (EBD) EPA 8 - Evaluate and manag



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EPA No.	9
EPA Title	Perform common dermatological procedures
Medical Knowledge	<p><i>The following are core conditions/ topics included as but not limited to dermatological procedures:</i></p> <ul style="list-style-type: none"> • Fundamentals of Cutaneous and Laser Surgery • Structure of the Skin <ul style="list-style-type: none"> ○ <i>Skin structure & anatomy including surface markings of key vessels and nerves, danger areas of the face and neck</i> • Surgical Concepts <ul style="list-style-type: none"> ○ Sterilization of equipment, aseptic technique ○ Preoperative considerations including preoperative sedation, indications and recommendations for prophylactic antibiotics, medications to avoid prior to surgery / laser procedures ○ Anaesthesia: topical, local, regional nerve blocks ○ Instrument and materials (e.g. sutures) ○ Pre-operative assessment and care ○ Wound healing including basic science, clinical aspects, and the use of specialized wound dressings appropriate to the clinical problem • Essential Surgical Skills <ul style="list-style-type: none"> ○ Electrosurgery ○ Cryosurgery ○ Skin biopsy technique ○ Suturing technique ○ Ellipse and Ellipse variation ○ Layered closure, complex closures ○ Mohs micrographic surgery: indications and principles

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	<ul style="list-style-type: none"> • Aesthetic and Laser Procedures <ul style="list-style-type: none"> ○ Laser surgery concepts (laser physics, laser safety, ablative lasers, pigment lasers, vascular lasers). ○ Intense pulse light devices ○ Chemical peeling (types and depth of common chemical peeling agents) ○ Soft-tissue augmentation ○ Botulinum toxin injections ○ Cosmeceuticals • Complications from dermatological treatment <ul style="list-style-type: none"> ○ Complications from topicals and injections. ○ Complications from lasers and light devices. ○ Prevention and management of complications 		
Professional Competence	Completed Core Skill Evaluation: Minimal Excision Technique	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	Completed Core Skill Evaluation: Elliptical Excision f/b Layered Wound Closure	Yes <input type="checkbox"/>	No <input type="checkbox"/>
	Passed Procedural Dermatology Core Module MCQ Test	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Practical Procedures			
Log of Experience in Essential Procedures / Treatment Modalities			
Cryotherapy		Intralesional Injection	
Completed 3 x Assisted / Observed	Completed 3 x Performed under supervisions	Completed 3 x Assisted / Observed	Completed 3 x Performed under supervisions
Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
Shave Biopsy		Electrosurgery	
Completed 5 x Assisted / Observed	Completed 5 x Performed	Completed 5 x Assisted / Observed	Completed 5 x Performed
Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
Punch Biopsy		Excision Biopsy	
Completed 5 x Assisted / Observed	Completed 5 x Performed	Completed 5 x Assisted / Observed	Completed 5 x Performed
Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>

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Name of Evaluation Form	Form on MedHub
(Core Skill) EPA 9 - Core Skill Evaluation: Minimal Excision technique	 (Core Skill) EPA 9 - Core Skill Evaluation
(Core Skill) EPA 9 - Core Skill Evaluation: elliptical excision f/b by layered wound closure	 (Core Skill) EPA 9 - Core Skill Evaluation





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EPA No.	10
EPA Title	Evaluate and manage dermatological patients in an inpatient setting
Medical Knowledge	<p><i>The following are core conditions/ topics included as but not limited to evaluating and managing dermatological patients in an inpatient setting:</i></p> <ul style="list-style-type: none"> • Severe cutaneous adverse drug reactions <ul style="list-style-type: none"> ○ Stevens Johnson Syndrome / Toxic epidermal necrolysis ○ Drug Hypersensitivity Syndrome ○ Acute Generalised Exanthematous Pustulosis • Severe dermatoses requiring inpatient care: <ul style="list-style-type: none"> ○ Generalised exfoliative dermatitis – work-up and management ○ Pustular psoriasis ○ Immunoblistering diseases – pemphigoid, pemphigus, paraneoplastic pemphigus etc ○ Lichen planus ○ Pyoderma gangrenosum with or without associated systemic diseases • Inpatient therapy: <ul style="list-style-type: none"> ○ Intravenous immunoglobulins ○ Biologics – infliximab, rituximab ○ Plasmapheresis <p>Drug Eruption</p> <ul style="list-style-type: none"> • Severe cutaneous adverse drug reactions <ul style="list-style-type: none"> ○ SJS/TEN, DRESS, AGEP ○ Pathogenesis, including HLA associations and current recommendations on testing ○ Clinical features ○ Differential diagnoses ○ Identifying drug cause (application of ALDEN score for SJS/TEN). Role of skin tests ○ Management of acute condition and possible complications ○ Subsequent management and potential sequelae


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	<ul style="list-style-type: none"> • Other drug reactions <ul style="list-style-type: none"> ○ Exanthem, Fixed drug eruption, Urticaria & Angioedema (including NSAID intolerance), Chemotherapy-related reactions, Lichenoid drug eruption, SDRIFE ○ Clinical features and common drug causes of each type ○ Evaluate severity of reaction and establish temporal relationship to drug(s) ○ Tests available for confirmation of reaction or finding alternative option • Approach to evaluation of suspected drug allergy. <ul style="list-style-type: none"> ○ Eg. labelled allergy to augmentin, local anaesthetics ○ Determine likely mechanism eg. immediate or delayed type ○ Determine if any features of severe reaction ○ Decide on appropriate tests to be done and counselling on tests 	
System-Based Practice	Co-management with other Specialists	
Professional Competence	Completed 10 x Inpatient Case Logs	Yes <input type="checkbox"/> No <input type="checkbox"/>
	Completed Core Skill Evaluation: Answering of Blue Letter Referrals	Yes <input type="checkbox"/> No <input type="checkbox"/>
	Completed Core Skill Evaluation: SCORTEN Scoring	Yes <input type="checkbox"/> No <input type="checkbox"/>
	Completed Core Skill Evaluation: ALDEN Scoring	Yes <input type="checkbox"/> No <input type="checkbox"/>
	Completed 2 x EBD and achieved min. Proficient Competency Level	Yes <input type="checkbox"/> No <input type="checkbox"/>
	Observed Drug Allergy Test	Yes <input type="checkbox"/> No <input type="checkbox"/>
	Passed Inpatient Care Module MCQ Test	Yes <input type="checkbox"/> No <input type="checkbox"/>




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Name of Evaluation Form	Form on MedHub
(EBD) EPA 10 - Evaluate and manage dermatological patients in an inpatient setting	 (EBD) EPA 10 - Evaluate and manag
(Core Skill) EPA 10 - Core Skill Evaluation: Answering of blue letter referrals	 (Core Skill) EPA 10 - Core Skill Evaluation
(Core Skill) EPA 10 – Core Skill Evaluation: SCORTEN Scoring	 (Core Skill) EPA 2_10 - Core Skill Evaluatic
(Core Skill) EPA 10 – Core Skill Evaluation: ALDEN Scoring	 (Core Skill) EPA 2_10 - Core Skill Evaluatic

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EPA No.	11				
EPA Title	Evaluate and manage patients with or who are at risk of acquiring sexually transmitted infections (STIs)				
Medical Knowledge	<p><i>The following are core conditions/ topics included as but not limited to sexually transmitted infections (STIs):</i></p> <ul style="list-style-type: none"> • Common Bacterial STIs e.g. gonorrhoea, chlamydia, mycoplasma, syphilis, (chancroid, LGV) • Common Viral STIs e.g. Herpes Simplex virus, Human Papilloma virus, HIV, Hepatitis B, Molluscum Contagiosum • Dermatological manifestations of HIV disease • Vaccinations: Human Papilloma virus, Hepatitis • Post-exposure prophylaxis • Common genital dermatoses 				
System-Based Practice	<ul style="list-style-type: none"> • STI screening • Contact tracing activities • Laboratory testing • Medical surveillance scheme • Targeted STI & HIV intervention and prevention/educational programmes • HIV outpatient clinic at CDC 				
Professional Competence	Completed 2 x Mini-CEX	Yes <input type="checkbox"/> No <input type="checkbox"/>			
	Completed 2 x EBD and achieved min. Proficient Competency Level	Yes <input type="checkbox"/> No <input type="checkbox"/>			
	Completed Core Skill Evaluation on Vaginal Examination and Cervical Smears	Yes <input type="checkbox"/> No <input type="checkbox"/>			
	Passed STI Exam	Yes <input type="checkbox"/> No <input type="checkbox"/>			
Practical Procedures					
Log of Experience in Essential Procedures / Treatment Modalities					
Cervical Smear		Urethral Smear			
Completed 5 x Assisted / Observed	Completed 5 x Performed	Completed 5 x Observed			
Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>			
Name of Evaluation Form	Form on MedHub				
(MiniCEX) EPA 11 - Evaluate and manage patients with or who are at risk of acquiring sexually transmitted infections (STIs)	 (MiniCEX) EPA 11 - Evaluate and manag				

**NHG-DERMATOLOGY SENIOR RESIDENCY PROGRAMME
TRAINING REQUIREMENT CHECKLIST (APMES)**

(Core Skill) EPA 11 - Core Skills and Knowledge Assessment in STIs	 (Core Skill) EPA 11 - Core Skills and Know
(Core Skill) EPA 11 – Core Skill Evaluation: Vaginal Examination and Smears	 (Core Skill) EPA 11 – Core Skill Evaluation
(EBD) EPA 11 - Evaluate and manage patients with or who are at risk of acquiring STIs	 (EBD) EPA 11 - Evaluate and manag

**NHG-DERMATOLOGY SENIOR RESIDENCY PROGRAMME
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EPA No.	12
EPA Title	Order and perform a skin biopsy
Medical Knowledge	<p><i>Completed the core topics within the first and second years as follows:</i></p> <p><u>First year</u></p> <p>1. Understand basic skin histology and cell biology through self-directed learning:</p> <ul style="list-style-type: none"> • Embryology of the skin • Structure of the epidermis • Epidermal differentiation and keratinisation • The dermoepidermal junction and basement membrane • Melanocyte ultrastructure and biology • Structure and biology of the dermis – collagen, elastin, extracellular matrix, proteoglycans and glycosaminoglycans • Structure and biology of the subcutaneous fat • Anatomy and physiology of blood vessels, lymphatics and nerves of the skin • Biology of mast cells, Langerhans cells and merkel cells • Structure and biology of hair, nails, sebaceous glands, eccrine glands and apocrine glands • Structure and biology of oral and genital mucosae • Biology and classification of cells of lymphoid series, histiocytes and dendritic cells <p>2. Perform the following through tutorial instruction at the microscope:</p> <ul style="list-style-type: none"> • recognize the structure of skin, cellular morphology, resident cells • recognize different inflammatory cells – neutrophils, histiocytes, lymphocytes, plasma cells and eosinophils • be able to use common histological terms to describe a slide <p>3. Be conversant with the different biopsy techniques and the appropriate use of each technique</p> <p>4. Know the commonly used histochemical stains and when they are used</p>



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	<p>5. Understand direct and indirect immunofluorescent techniques and when they are used</p> <p><u>Second Year</u></p> <p>Trainees are expected to know the spectrum of inflammatory and neoplastic diseases and to be able to make a morphological diagnosis by pattern recognition.</p> <p>Inflammatory reactions</p> <ul style="list-style-type: none"> • Spongiotic dermatitis • Lichenoid and interface dermatitis • Psoriasiform dermatitis • Bullous diseases • Granulomatous reaction pattern • Vasculitis • Panniculitis • Folliculitis • Neutrophilic dermatoses • Skin infections – viral, bacterial, fungal, parasitic, opportunistic <p>Disorders of deposition, collagen and elastic tissue</p> <ul style="list-style-type: none"> • Amyloidosis • Mucinosis • Collagen disorders • Elastic disorders <p>Alopecia</p> <ul style="list-style-type: none"> • Scarring • Non-scarring <p>Neoplastic proliferations</p> <ul style="list-style-type: none"> • Epithelial neoplasms – benign and malignant • Cysts • Sweat gland tumours – eccrine, apocrine • Sebaceous tumours • Follicular tumours • Vascular tumours • Neural tumours • Fibrous and fibrohistiocytic tumours • Adipose and smooth muscle tumours • Lymphoproliferative disorders – T cell and B cell • Histiocytic proliferations
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**NHG-DERMATOLOGY SENIOR RESIDENCY PROGRAMME
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	<ul style="list-style-type: none"> • Melanocytic tumours – benign and malignant <p>In addition to the above, the trainee should:</p> <ol style="list-style-type: none"> 1. Be conversant with the commonly used immunoperoxidase stains 2. Know the diagnostic features of immunobullous diseases, connective tissue diseases and vasculitis, on direct immunofluorescence 3. Be able to incorporate dermatopathology into case reports and review of cases 	
Professional Competence	Completed 2 x Mini-CEX	Yes <input type="checkbox"/> No <input type="checkbox"/>
	Completed 2 x EBD and achieved min. Proficient Competency Level	Yes <input type="checkbox"/> No <input type="checkbox"/>
	Attended annual dermatopathology workshop	Yes <input type="checkbox"/> No <input type="checkbox"/>
	Passed Dermatopathology Core Module MCQ Test	Yes <input type="checkbox"/> No <input type="checkbox"/>
	<p><u>For the third year, the trainee should have acquired:</u></p> <ol style="list-style-type: none"> 1. The competence to accurately diagnose common dermatological diseases and skin tumours on histology 2. An understanding of terminology used in dermatopathology, and the ability to use this terminology accurately to describe the histopathological features observed on biopsies 3. The ability to integrate the histology with the clinical and laboratory information to arrive at a diagnosis or list of differential diagnoses 4. The ability to convey histopathology results and recommendations for patient management to other specialists caring for patient 5. An appreciation of some limitations of skin biopsy and when a repeat biopsy is necessary 	
Practical Procedures	<p>To observe:</p> <ul style="list-style-type: none"> • Routine tissue processing • Immunoperoxidase staining 	

**NHG-DERMATOLOGY SENIOR RESIDENCY PROGRAMME
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Name of Evaluation Form	Form on MedHub
(MiniCEX) EPA 12 - Order and perform a skin biopsy	 (MiniCEX) EPA 12 - Order and perform :
(EBD) EPA 12 - Order and perform a skin biopsy	 (EBD) EPA 12 - Order and perform :

NHG-DERMATOLOGY SENIOR RESIDENCY PROGRAMME TRAINING REQUIREMENT CHECKLIST (APMES)

Research and Publication Requirements

Clinical and Research Studies and Trials	
Published 1 x Case Report	Yes <input type="checkbox"/> No <input type="checkbox"/>
Published 1 x Retrospective Study	Yes <input type="checkbox"/> No <input type="checkbox"/>
Started 1 x Prospective Study	Yes <input type="checkbox"/> No <input type="checkbox"/>
Scientific Meetings Attended	Yes <input type="checkbox"/> No <input type="checkbox"/>

Additional Documents

Completed SMC Ethics Certificate	Yes <input type="checkbox"/> No <input type="checkbox"/>
Completed Biostatistics Course	Yes <input type="checkbox"/> No <input type="checkbox"/>
Completed STI Exam	Yes <input type="checkbox"/> No <input type="checkbox"/>
Completed MRCP SCE Exam	Yes <input type="checkbox"/> No <input type="checkbox"/>

Approved By:
A/Prof Steven Thng Programme Director NHG-Dermatology Senior Residency Programme
Date: