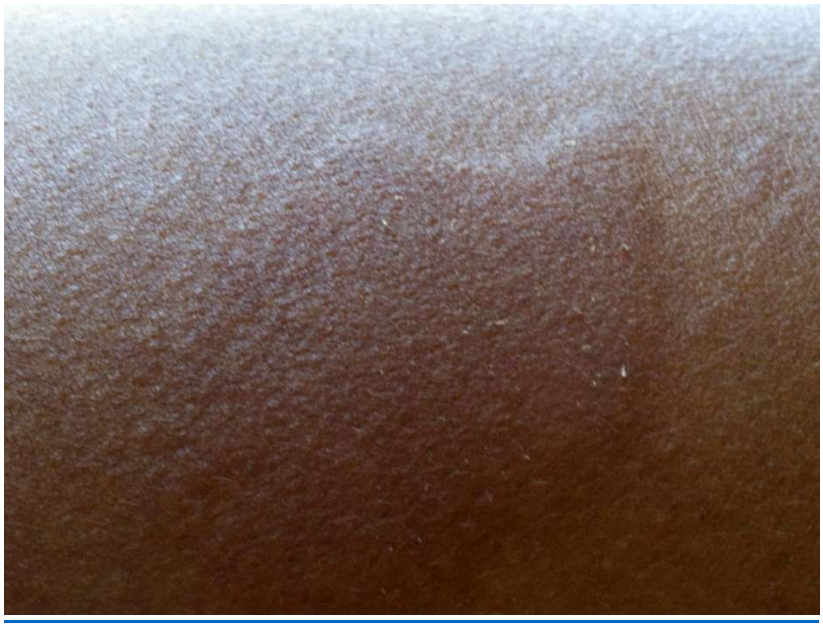
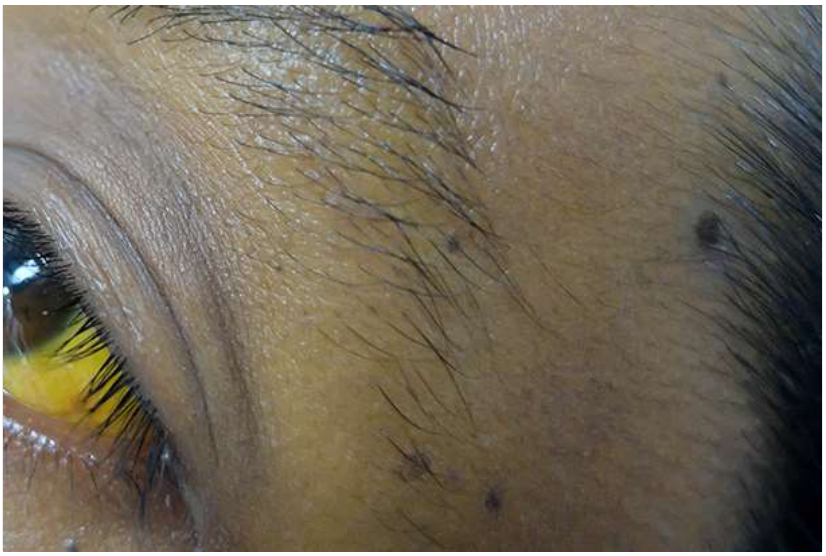
Appendix 1

Urticaria on brown or black skin (Image provided by DermNet New Zealand)



Jaundice in brown or black skin



From website
https://www.nhs.uk/conditions/jaundice/#:~:text=Yellowing%20of%20the%20skin%20from,of%20your%20eyes%20looks%20yellow.

Published November 2023

Appendix 2 Psoriasis

The Primary Care Dermatology Society website has an excellent leaflet for patients regarding Psoriasis

Website link: https://www.pcds.org.uk/patient-info-leaflets/psoriasis

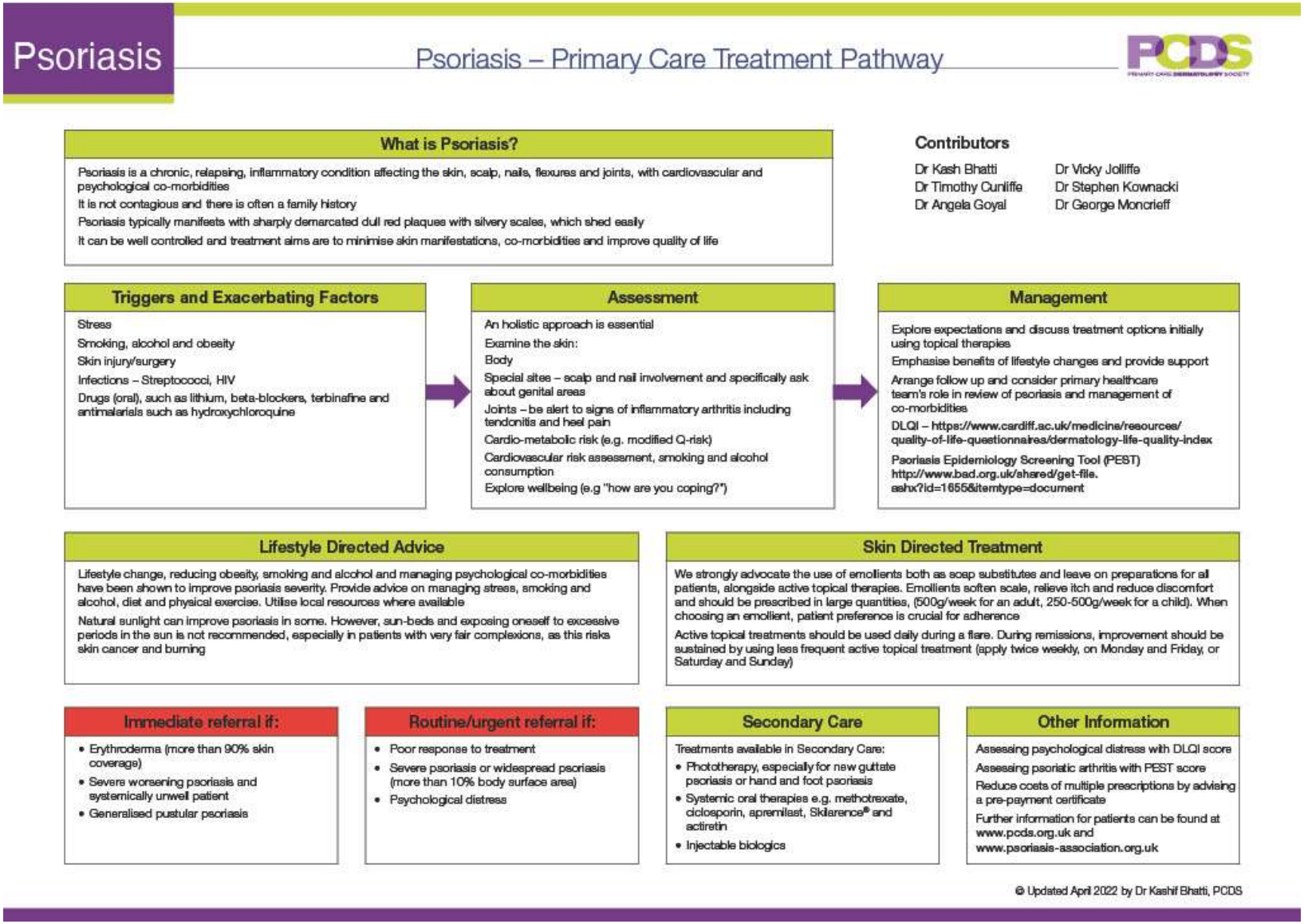
QR code for leaflet link:

Published November 2023

Appendix 3 Psoriasis

PCDS – Psoriasis: Primary Care Treatment Pathway (with thanks to the Primary Care Dermatology Society)

https://www.pcds.org.uk/files/general/Psoriasis-Pathway-2022-Update-web.pdf



Psoriasis

Psoriasis – Primary Care Treatment Pathway

PCDS

What is Psoriasis?

Psoriasis is a chronic, relapsing, inflammatory condition affecting the skin, scalp, nails, flexures and joints, with cardiovascular and psychological co-morbidities

It is not contagious and there is often a family history

Psoriasis typically manifests with sharply demarcated dull red plaques with silvery scales, which shed easily

It can be well controlled and treatment aims are to minimise skin manifestations, co-morbidities and improve quality of life

Contributors

Dr Kash Bhatti
Dr Timothy Cunliffe
Dr Angela Goyal
Dr Vicky Jolliffe
Dr Stephen Kownacki
Dr George Moncrieff

Triggers and Exacerbating Factors

Stress

Smoking, alcohol and obesity

Skin injury/surgery

Infections – Streptococci, HIV

Drugs (oral), such as lithium, beta-blockers, terbinafine and antimalarials such as hydroxychloroquine

Assessment

An holistic approach is essential

Examine the skin:

Body

Special sites – scalp and nail involvement and specifically ask about genital areas

Joints – be alert to signs of inflammatory arthritis including tendonitis and heel pain

Cardio-metabolic risk (e.g. modified Q-risk)

Cardiovascular risk assessment, smoking and alcohol consumption

Explore wellbeing (e.g "how are you coping?")

Management

Explore expectations and discuss treatment options initially using topical therapies

Emphasise benefits of lifestyle changes and provide support

Arrange follow up and consider primary healthcare team's role in review of psoriasis and management of co-morbidities

DLQI – https://www.cardiff.ac.uk/medicine/resources/quality-of-life-questionnaires/dermatology-life-quality-index

Psoriasis Epidemiology Screening Tool (PEST) http://www.bad.org.uk/shared/get-file.ashx?id=1655&itemtype=document

Lifestyle Directed Advice

Lifestyle change, reducing obesity, smoking and alcohol and managing psychological co-morbidities have been shown to improve psoriasis severity. Provide advice on managing stress, smoking and alcohol, diet and physical exercise. Utilise local resources where available

Natural sunlight can improve psoriasis in some. However, sun-beds and exposing oneself to excessive periods in the sun is not recommended, especially in patients with very fair complexions, as this risks skin cancer and burning

Skin Directed Treatment

We strongly advocate the use of emollients both as soap substitutes and leave on preparations for all patients, alongside active topical therapies. Emollients soften scale, relieve itch and reduce discomfort and should be prescribed in large quantities, (500g/week for an adult, 250-500g/week for a child). When choosing an emollient, patient preference is crucial for adherence

Active topical treatments should be used daily during a flare. During remissions, improvement should be sustained by using less frequent active topical treatment (apply twice weekly, on Monday and Friday, or Saturday and Sunday)

Immediate referral if:

- Erythroderma (more than 90% skin coverage)
- Severe worsening psoriasis and systemically unwell patient
- Generalised pustular psoriasis

Routine/urgent referral if:

- Poor response to treatment
- Severe psoriasis or widespread psoriasis (more than 10% body surface area)
- Psychological distress

Secondary Care

Treatments available in Secondary Care:

- Phototherapy, especially for new guttate psoriasis or hand and foot psoriasis
- Systemic oral therapies e.g. methotrexate, ciclosporin, apremilast, Skilarence® and actiretin
- Injectable biologics

Other Information

Assessing psychological distress with DLQI score

Assessing psoriatic arthritis with PEST score

Reduce costs of multiple prescriptions by advising a pre-payment certificate

Further information for patients can be found at www.pcds.org.uk and www.psoriasis-association.org.uk

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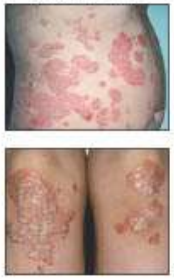
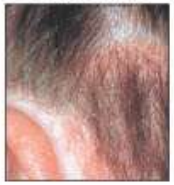
Published November 2023

Appendix 3: Continued

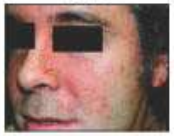
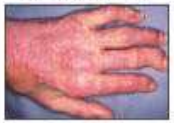
Psoriasis

Psoriasis – Clinical Features and Treatment

PCDS

	Clinical Features	Treatment
Trunk & Limbs 	Well defined symmetrical small and large scaly plaques, predominantly on extensor surfaces but can be generalised	A calcipotriol/betamethasone combination product should be used first line, once daily, until lesions flatten. This treatment protocol differs from NICE guidance but is more patient-centred and clinically effective using once daily dosage. If the response is sub-optimal at 8 weeks: 1. Review adherence 2. Very thick scale can act as a barrier to topical therapies and consider using a salicylic acid preparation to descale (e.g. Diprosalic® ointment once or twice daily) or occluding thick plaques with a greasy emollient or Sebco® shampoo overnight under Clingfilm® wrap 3. Consider using a tar product such as Exorex® lotion, 4. During remissions improvement should be sustained with emollients and by using less frequent active topical treatment (twice weekly application)
Scalp Psoriasis 	Much more common than appreciated and easier felt than seen May be patchy Socially embarrassing Typically extends just beyond the hairline, best seen on nape of neck	Treatments can be messy and this can be a difficult site to treat, so it is important to manage your patient's expectations and provide clear explanations 1. Descale if necessary with coconut oil or if more severe, Sebco Ointment® – massaged onto the scalp generously and ideally left over night. Wash out with Capasal® or Alphosyl 2-in-1® shampoo. Continue to use until the scale becomes much thinner 2. Ongoing inflammation should be treated with a calcipitriol/betamethesaone combination product daily. Review at 4 weeks and once controlled, consider twice weekly application for maintenance. Alternatives are Synalar Gel® if not particularly scaly, or Diprosalic® scalp application if scale remains problematic 3. Maintenance therapy: Once or twice weekly tar-based shampoo such as Capasal® or Alphosyl®, with once or twice weekly potent topical steroids. If the scale thickens then revert to Sebco® ointment in short bursts
Flexures & Genetalia 	Erythematous patches, shiny red,and lack scale. Commonly mistaken for candidiasis	Mild or moderate topical steroid, such as Daktacort®, 1% hydrocortisone, or eumovate® once daily. For thicker plaques consider a short course of Trimovate® for a week to gain control, then wean down to a moderate or mild topical steroid. Once the skin is under control, use the steroid twice weekly to keep under control A topical vitamin D preparation such as Silkis® or Curatoderm® can be used opposite end of the day, to the topical steroid, and continued daily whilst using the steroid twice a week, to keep control. For flexures, topical calcineurin inhibitors can be used instead of topical steroid or vitamin D analogs, but we would advise avoid using these agents in uncircumcised male patients unless directed by secondary care

Please note this guidance is the view of the contributors and reflects evidence as well as experience

	Clinical Features	Treatment
Face 	An uncommon and distressing site sometimes with plaques but more often similar to that seen in seborrhoeic dermatitis	Eumovate Ointment – many would use this initially, for a week and follow on with any of • Protopic 0.1% ointment – once or twice a day and reducing with response • Silkis ointment – can cause irritation so introduce gradually (initially twice a week then build up to daily) • Daktacort® cream once or twice a day for more seborrhoeic types
Guttate Psoriasis 	Rapid onset of very small 'raindrop like' plaques, mostly on torso and limbs, usually following a streptococcal infection May lack scale initially An important differential is secondary syphilis	Refer to secondary care for light therapy. In the interim, consider treating with tar lotion (Exorex lotion®) 2-3 times a day, or using topical steroids such as eumovate®, Diprosalic® ointment, a calcipitriol/betamethesaone combination product foam for itchy patches In cases of recurrent guttate psoriasis with proven streptococcal infections, consider the early use of antibiotics and/or referral for tonsillectomy
Palmoplantar Pustular 	Very resistant and difficult to treat. Creamy sterile pustules mature into brown macules	This is more likely in smokers: strongly advise stopping smoking Dermovate Ointment at night under polythene occlusion (e.g. Clingfilm®) A moisturiser of choice to be used through the day Early referral important for hand and foot PUVA/ Acitretin
Nails 	In about 50% of patients pitting, hyperkeratosis and onycholysis **NB.** Look for arthritis and co-existing fungal infection. Terbinafine may aggravate psoriasis	Practical tips – keep nails short, use nail buffers Nail varnish and gel safe to use Trickle potent topical steroid scalp application or apply Enstilar® foam. Enstilar® foam is sprayed on to the palm, and fingertips rubbed in the mousse to get under onycholytic nails, or mousse rubbed around the tips of toenails
Psoriatic Arthritis 	Inflammatory polyarthritis, spondylarthritis, synovitis, dactylitis and tendonitis	Psoriatic arthritis is under-recognised and it is very important it is diagnosed and referred early to Rheumatology because of the risk of permanent joint destruction and functional damage Refer to the PCDS website for more information www.pcds.org.uk/clinical-guidance/psoriatic-arthropathy

Calcipitriol/betamethasone combination products are available as ointments and gel (Dovobet® ointment and gel), foam (Enstilar® foam), and cream (Wynzora® cream). Choose the formulation that the patient may comply with, e.g. foam, gel or cream for scalp; foam, or cream for nails; and any formulation for trunk and limb psoriasis. Enstilar foam is licensed for body active (Acute) treatment but also maintenance therapy. Total usage of any formulation should not exceed more than 30% body surface area or more than 15g a day.

Published November 2023