

Article Title: An update on new and existing treatments for the management of melasma.

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Supplementary Table 1: Summary of key search terms, database, and papers identified in the literature search.

Treatment/Search terms	Database	Papers identified
'Melasma'	Pubmed	547
'Melasma'	OvidMedline	1364
'Sunscreen' AND 'melasma'	OvidMedline	100
'Hydroquinone' AND 'melasma'	OvidMedline	266
('Retinoid' OR 'Retinoids') AND 'melasma'	OvidMedline	22
('Triple combination therapy' OR 'Kligman's') AND 'melasma'	OvidMedline	25

'Kojic acid' AND 'melasma'	OvidMedline	45
'Arbutin' AND 'melasma'	OvidMedline	28
'Niacinamide' AND 'melasma'	OvidMedline	7
'Ascorbic acid' AND 'melasma'	OvidMedline	44
'Azelaic acid' AND 'melasma'	OvidMedline	48
'Thiamidol' AND 'melasma'	OvidMedline	5
'Cysteamine' AND 'melasma'	OvidMedline	21
'Tranexamic acid' AND 'melasma'	OvidMedline	161
'Metformin' AND 'melasma'	OvidMedline	5
'Resveratrol' AND 'melasma'	OvidMedline	4
'Platelet-rich plasma' AND 'melasma'	OvidMedline	28
'Microneedling' AND 'melasma'	OvidMedline	60
'Oral tranexamic acid' AND 'melasma'	OvidMedline	54
'Polypodium leucotomos' AND 'melasma'	OvidMedline	9
'Pycnogenol' AND 'melasma'	OvidMedline	4
'Chemical peels' AND 'melasma'	OvidMedline	81
'Lasers' AND 'melasma'	OvidMedline	334* *141 following manual screening based on title and abstract for relevant papers