

DERMATITE DE CONTATO ALÉRGICA: PERIGOS OCULTOS DOS PRODUTOS NATURAIS

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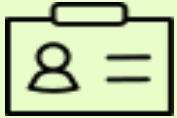
Maria das Graças Mota Melo

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CASO CLÍNICO:



Sexo feminino, 55 anos, dentista



Eritema, edema, vesículas e crostas em região perioral e nasal



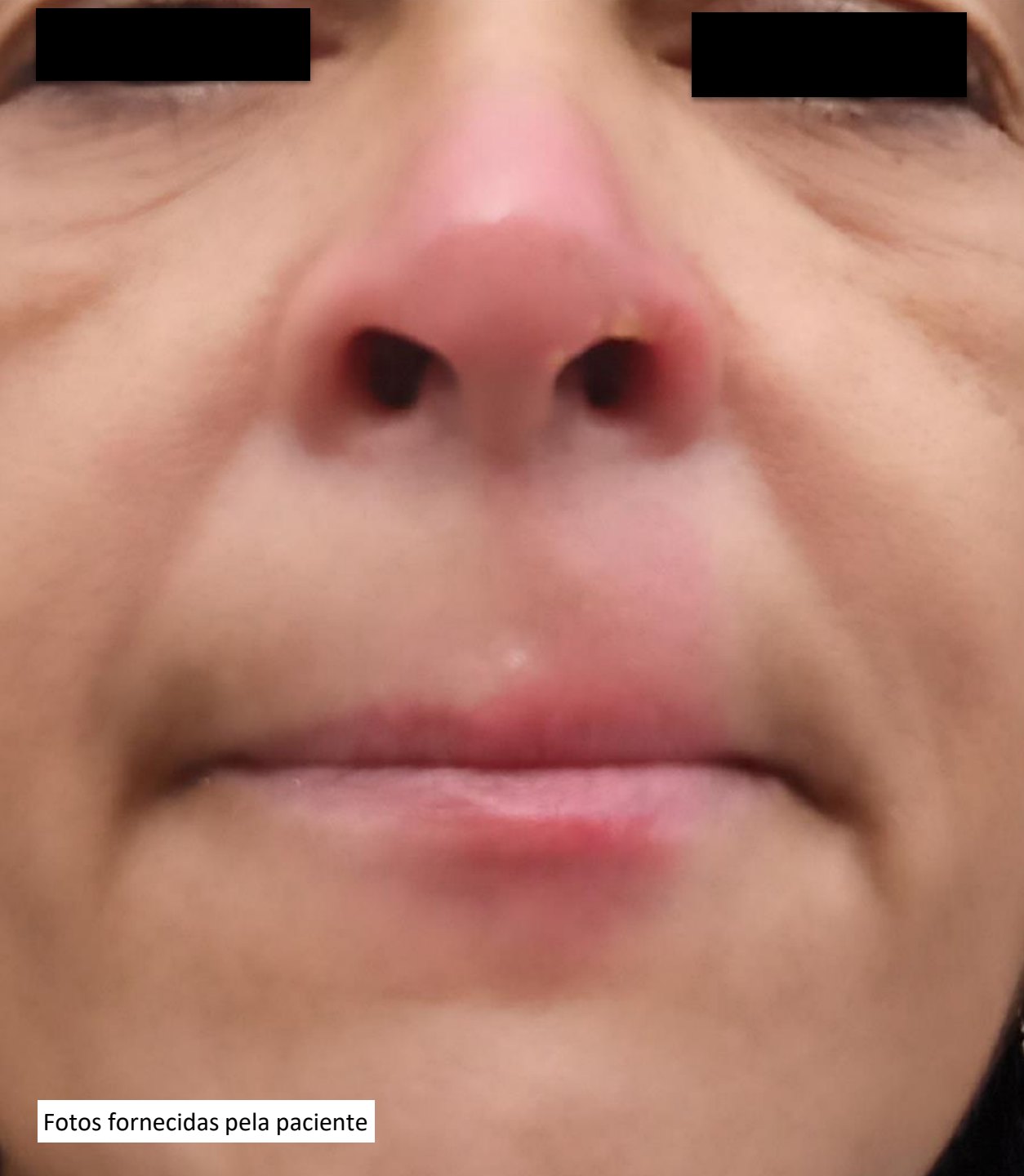
Uso de antibióticos e Aciclovir



Inalava e manipulava produtos fitoterápicos na forma de óleos essenciais para dores em geral e bem estar

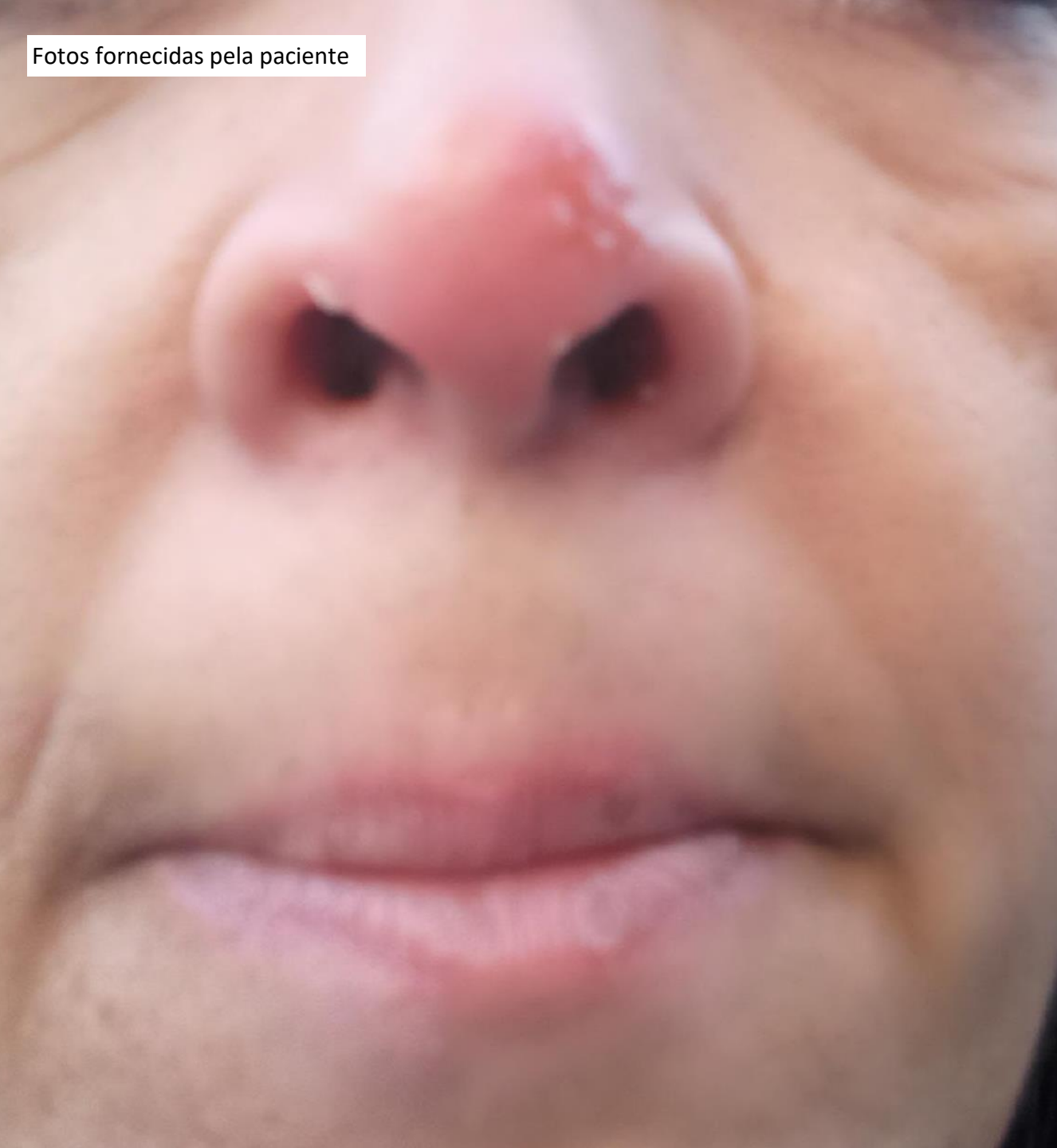


Fotos fornecidas pela paciente



Fotos fornecidas pela paciente

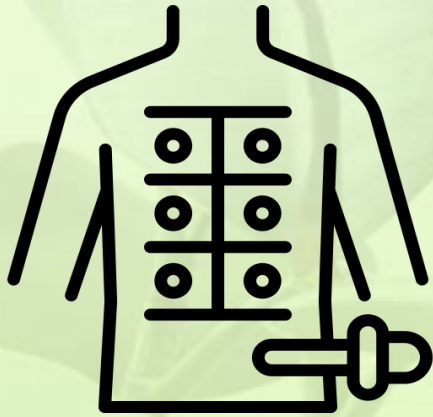
Fotos fornecidas pela paciente



HIPÓTESES:

- 01** Dermatite de contato por irritante primário
- 02** Dermatite de contato alérgica
- 03** Herpes simples recorrente
- 04** Síndrome de alergia oral

INVESTIGAÇÃO DIAGNÓSTICA



Teste de contato bateria Latino- Americana

Teste de contato série dental

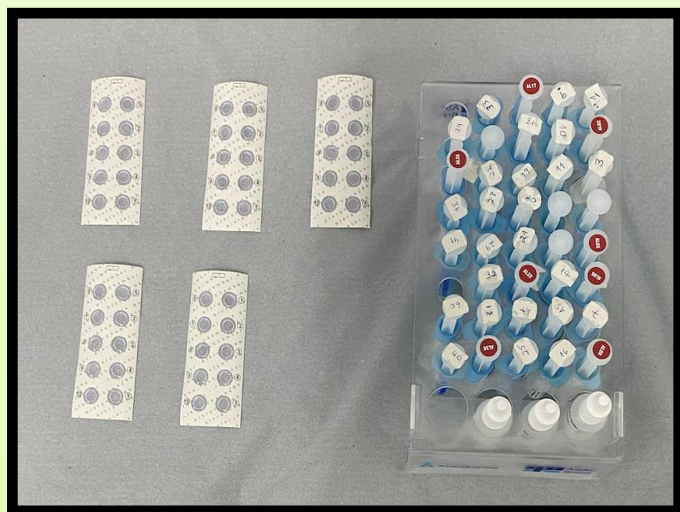
Teste de contato fragrância

Teste de contato com óleos essenciais, máscara N95 e cirúrgica



Biópsia de pele

BATERIA LATINO-AMERICANA, SÉRIE DENTAL E FRAGRÂNCIA



40 Substâncias



26 Substâncias



28 Substâncias

MÁSCARA CIRÚRGICA E N95



CIRÚRGICA

M1

Fita

M2

Tecido

M3

Elástico

M4

Aro de metal

M5

Plástico que envolve o aro de metal



M6

Tecido

M7

Elástico

M8

Tecido

M9

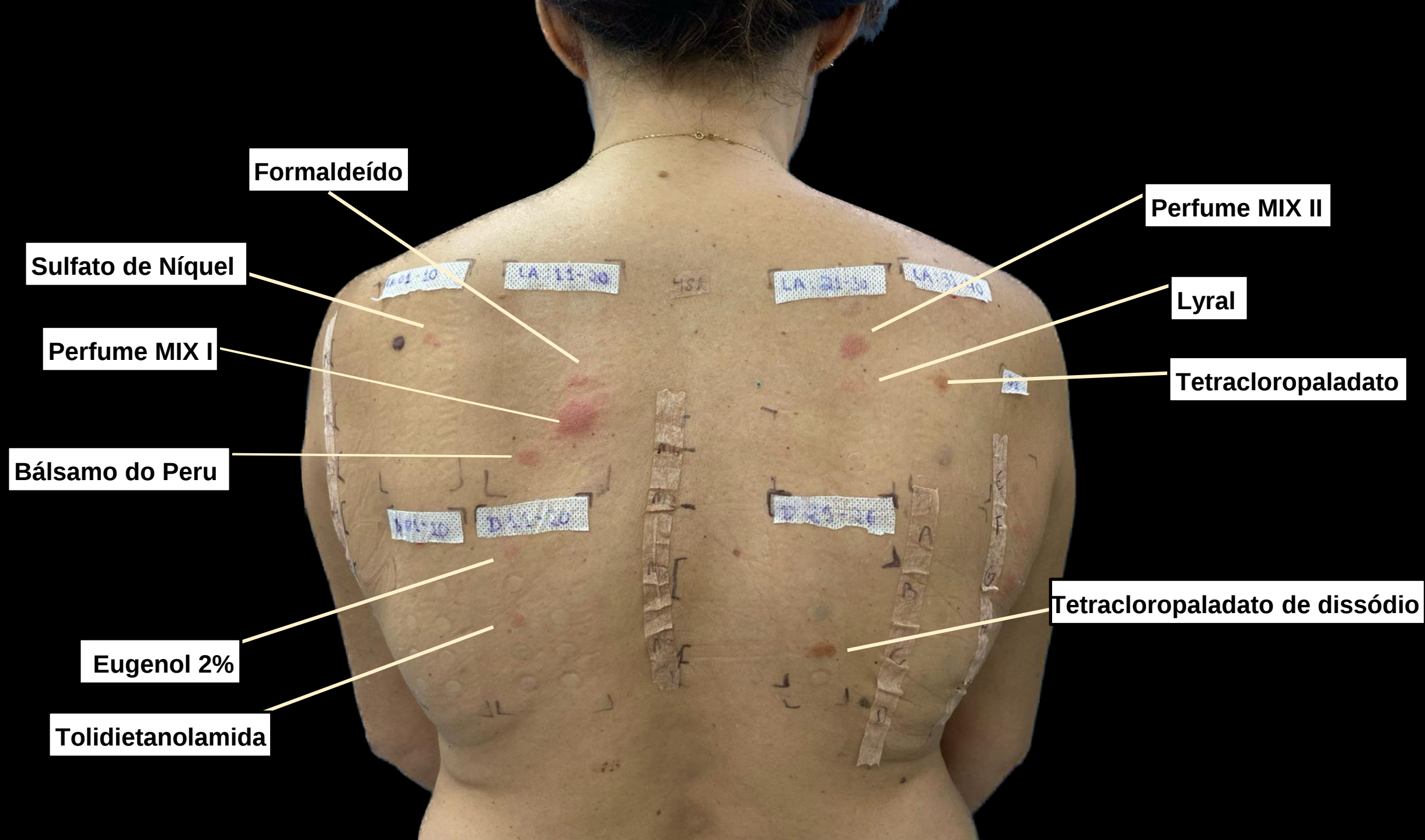
Elástico

N95



ÓLEOS ESSENCIAIS

- A** Óleo essencial Laranja doce
- B** Óleo essencial Lavanda
- C** Óleo essencial Tea Tree
- D** Óleo essencial Lemongrass
- E** Mix óleos de Alecrim, Coentro, Zimbro, Tangerina e Gerânio
- F** Óleo essencial Peppermint
- G** Blend Rosa Mosqueta , Peppermint e Lemongrass
- H** Própolis com Romã
- I** Desodorante creme de Lavanda e Melaleuca



ZENDOCRINE
MIX ÓLEOS
ESSENCIAIS



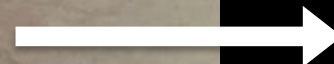
+

PEPPERMINT
MORTELA
PIMENTA



+++

BLEND COM
ROSAMOSQUETA



+++

PROPOLIS
COM ROMÃ
(BUCAI)



++

RESULTADOS POSITIVOS

- Bálsamo do Peru
- Perfume Mix 1
- Perfume Mix 2
- Lyrál
- Eugenol
- Citronelol
- Geraniol
- Linalol
- Citral

Perfumes
Fragrâncias
Óleos essenciais

- Tetracloropaladato de Sódio
- Tolildietanolamida
- Cloreto de Paládio

Produtos odontológicos

- Formaldeído

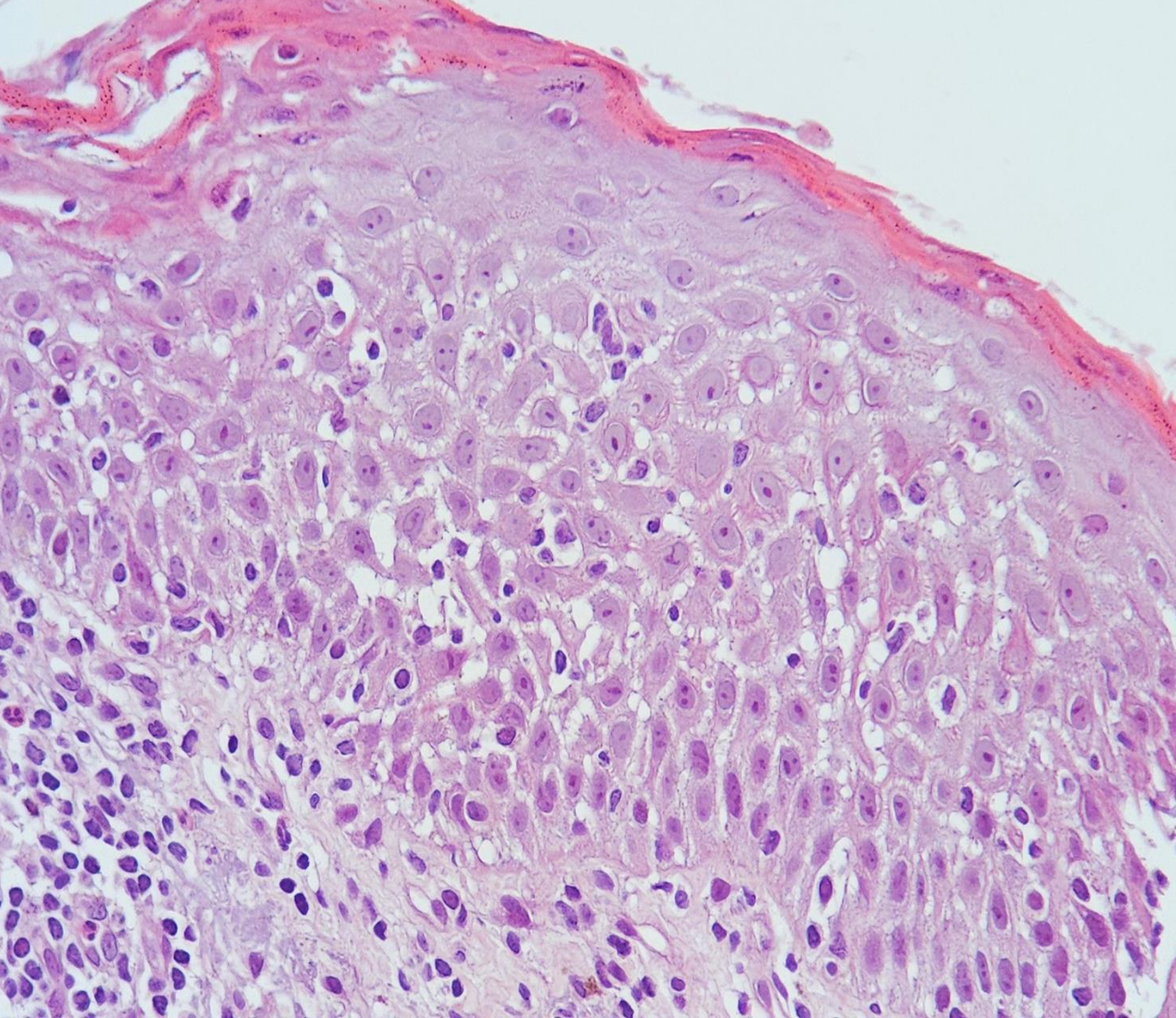
Cosméticos

- Sulfato de Níquel

Metais

- Tiuran Mix

Luvas / borracha



HISTOPATOLÓGICO

- **Dermatite espongiótica**
- **Infiltrado inflamatório mononuclear**
- **Alguns polimorfonucleares**
- **Eventuais eosinófilos**
- **Ausência de efeito citopático viral na amostra**

CONDUTA

- **Orientações gerais**
- **Suspensão dos óleos essenciais**

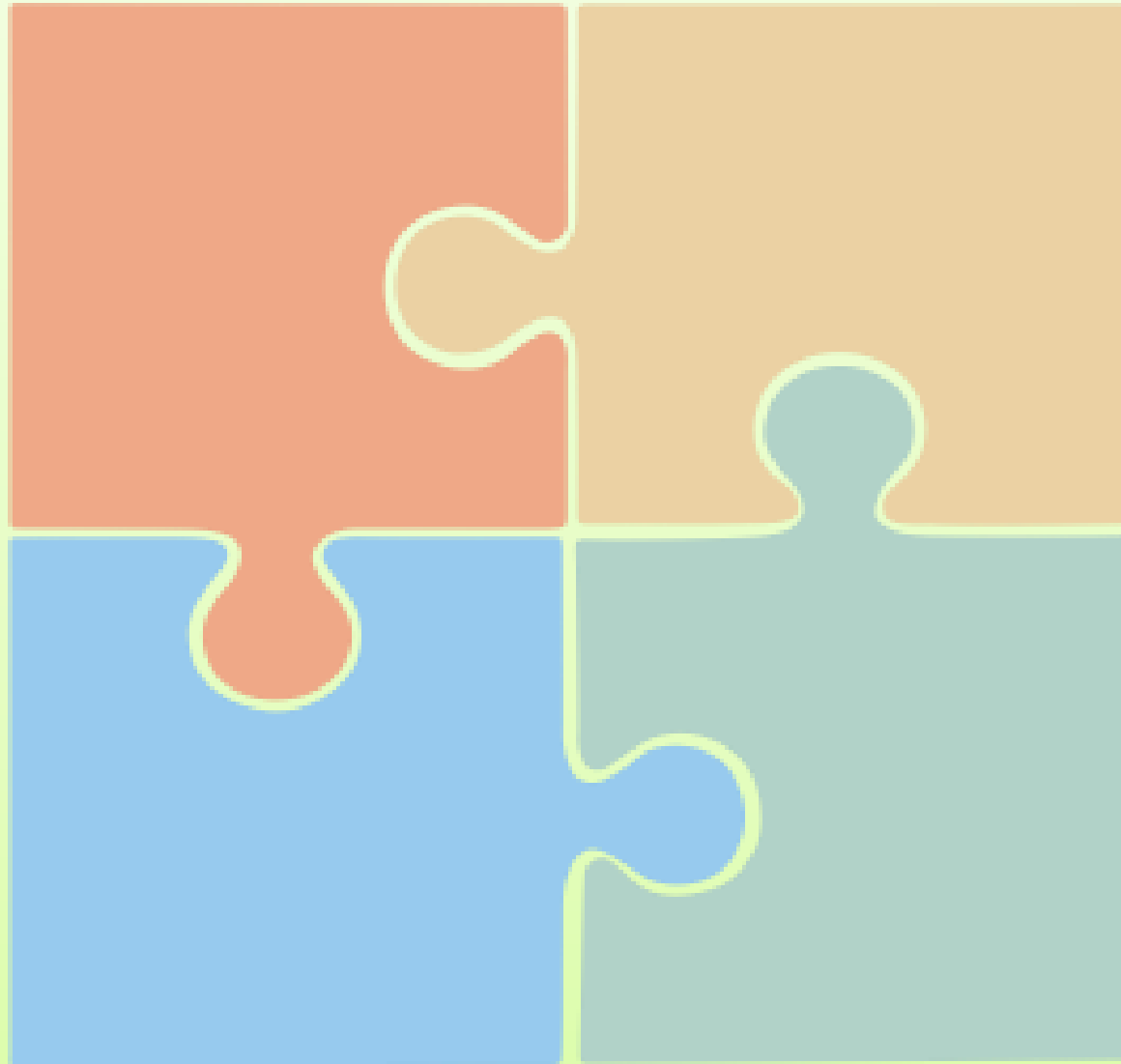


Anamnese

Testes de contato

Temporalidade

Melhora clínica



DERMATITE DE CONTATO ALÉRGICA POR ÓLEOS ESSENCIAIS



- São extratos concentrados de plantas
- Composição variável (geraniol, eugenol, citronelol, linalol, limoneno e outros)
- Utilizados através de inalação, tópica e ingestão oral
- São encontradas em produtos para pele, cabelos, higiene, limpeza e alimentícios

TABLE 1. Essential Oils That Have Caused Contact Allergy/Allergic Contact Dermatitis and Probable Allergens Identified (Adapted From De Groot and Schmidt ²)			
Name of Essential Oil	Probable Allergen(s) Identified*	Name of Essential Oil	Probable Allergen(s) Identified*
Angelica oil	α-Pinene	Mandarin oil	
Aniseed oil	Anethole	Marjoram oil (sweet)	Caryophyllene, linalool, α-pinene
Basil oil, sweet	Linalool	Melissa oil (lemon balm oil)	Caryophyllene, geraniol
Bay oil	Eugenol	Myrrh oil	
Bergamot oil	Limonene, linalool, β-pinene	Neem oil	
Black cumin oil		Neroli oil	Geraniol
Black pepper oil	Caryophyllene, α-pinene	Niaouli oil	α-Pinene
Cajeput oil	Caryophyllene, α-pinene	Nutmeg oil	
Calamus oil		Olibanum	Caryophyllene, α-pinene
		(frankincense) oil	
Cananga oil		Orange oil, bitter	
Cardamom oil		Orange oil, sweet	Limonene
Carrot seed oil		Palmarosa oil	
Cassia oil	Cinnamic aldehyde	Patchouli oil	
Cedarwood oil		Peppermint oil	Caryophyllene, limonene, menthol, α-pinene, piperitone, pulegone
Chamomile oil, German		Petitgrain bigarade oil	Geraniol, linalool
Chamomile oil, Roman		Pine needle oil	α-Pinene
Cinnamon oil	Cinnamic aldehyde, eugenol	Ravensara oil	Linalool, α-pinene
Citronella oil	Citronellal, citronellol, geraniol, geranyl acetate, limonene	Rosemary oil	Linalool, α-pinene
Clary sage oil	Geraniol, linalool	Rose oil	Citronellol, geraniol, linalool
Clove oil	Eugenol	Rosewood oil	Linalool
Coriander fruit oil	Linalool, α-pinene	Sage oil	
Costus root oil		Sandalwood oil	Santalol
Cypress oil	α-Pinene	Silver fir oil	
Dwarf pine oil		Spearmint oil	Carvone
Elemi oil		Spike lavender oil	
Eucalyptus oil	α-Pinene	Star anise oil	Anethole, methyl chavicol, limonene
Galbanum resin oil	α-Pinene	Tangerine oil	
Geranium oil	Caryophyllene, citral (neral + geranial), citronellol, geraniol, linalool	Tea tree oil	Aromadendrene, ascaridole, <i>d</i> -carvone, <i>l</i> -carvone, 1,8-cineole, <i>p</i> -cymene, <i>d</i> -limonene, myrcene, α-phellandrene, α-terpinene, terpinen-4-ol, terpinolene, 1,2,4-trihydroxymenthane, sabinene, viridiflorene
Ginger oil			
Grapefruit oil			
Guaiacwood oil			
Hinoki oil ⁵			
Hyssop oil			
Jasmine absolute	Eugenol, linalool		
Juniper berry oil	α-Pinene	Thuja oil	
Laurel leaf oil		Thyme oil	Linalool, α-pinene
Lavandin oil		Turpentine oil	Dipentene, α-phellandrene, α-pinene, β-pinene, α-terpineol
Lavender oil	Caryophyllene, linalool	Valerian oil	
Lemongrass oil	Citral (geranial + neral), geraniol	Vetiver oil	
Lemon oil	Limonene, β-pinene		
<i>Litsea cubeba</i> oil		Ylang-ylang oil	Caryophyllene, linalool
Lovage oil		Zdravetz oil	

- A dermatite de contato alérgica foi descrita para 80 óleos essenciais
 - Mais comuns: Lavanda, Melaleuca (Tea Tree), Peppermint, Ylang-Ylang, Capim Limão e Jasmin
 - 71% dos pacientes com DAC a OE positivam para FM I e II
 - 21% podem não positivar nos testes de triagem
-
- Necessidade de testar os OE usados pelo paciente

Fonte: Barbaud A, Kurihara F, Raison-Peyron N, et al. Allergic contact dermatitis from essential oil in consumer products: Mode of uses and value of patch tests with an essential oil series. Results of a French study of the DAG (Dermato-Allergology group of the French Society of Dermatology). *Contact Dermatitis*. 2023;89(3):190-197. doi:10.1111/cod.14377



Alérgenos desconhecidos

Adulteração

Extração por solventes

Armazenamento inadequado

Múltiplos sensibilizantes

- O mercado global de óleos essenciais foi estimado em US\$18,6 bilhões em 2020, (sendo a aromaterapia US\$ 1,6 milhão)
- Taxa de crescimento anual de 7,5% de 2020 a 2027
- O interesse da população em geral pelos produtos naturais tornou-se cada vez maior





essential oil



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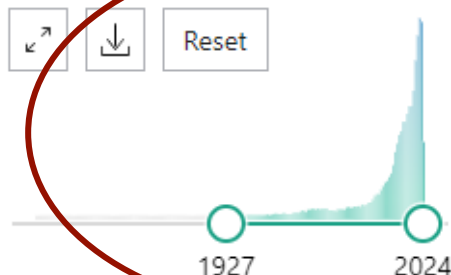
35,082 results

Page 1 of 3,509

RESULTS BY YEAR



Reset



1 **Peppermint essential oil: its phytochemistry, biological activity, pharmacological effect and application.**

Zhao H, Ren S, Yang H, Tang S, Guo C, Liu M, Tao Q, Ming T, Xu H.

Biomed Pharmacother. 2022 Oct;154:113559. doi: 10.1016/j.biopha.2022.113559. Epub 2022 Aug 19.

PMID: 35994817 [Free article.](#) [Review.](#)

Mentha contains various constituents that are classified as peppermint **essential oil** (PEO) and non-**essential** components. PEO, consisting mainly of menthol, menthone, neomenthol and iso-menthone, is a mixture of **volatile** metabolites with anti-inflammato ...



2 **Therapeutic Potential of Citronella Essential Oil: A Review.**

Sharma R, Rao R, Kumar S, Mahant S, Khatkar S.

Curr Drug Discov Technol. 2019;16(4):330-339. doi: 10.2174/1570163815666180718095041.

PMID: 30019646 [Review.](#)

However, several reports on adverse effects including skin eruption, contact artricaria or toxic encephalopathy in children are available for synthetic repellent in the literature. Thus, natural insect repellents like **essential oils** have been explored recently as an ...

TEXT AVAILABILITY



Abstract



Free full text



Full text

ARTICLE ATTRIBUTE



Associated data



Oleos essenciais Kids
uso diário autismo

2022-9-21

#autismo infantil #autismo
#tdh #oleosessenciais...



Bebê: garganta inflamada
Dr.: vai ter que dar
amoxilina mamãe

2022-6-18

Livrando bebê de mais uma,
pela 2ª vez! ...



Mamãe: tratando com óleos
essenciais 🥰🥰

2022-6-18

Livrando bebê de mais uma,
pela 2ª vez! ...



Porque ela fica muito
mais calma

2023-11-7

Quer saber mais sobre os
óleos essenciais? Me chama...

▶ 244.5K

MOTIVOS DA APRESENTAÇÃO

Discutir os possíveis riscos dos produtos considerados naturais e alertar que o "natural" não significa ser necessariamente seguro

Ressaltar a importância de testar os óleos essenciais através do teste de contato

Sugerir atualização dos testes de contato permitindo maior acurácia diagnóstica

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OBRIGADA!

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