

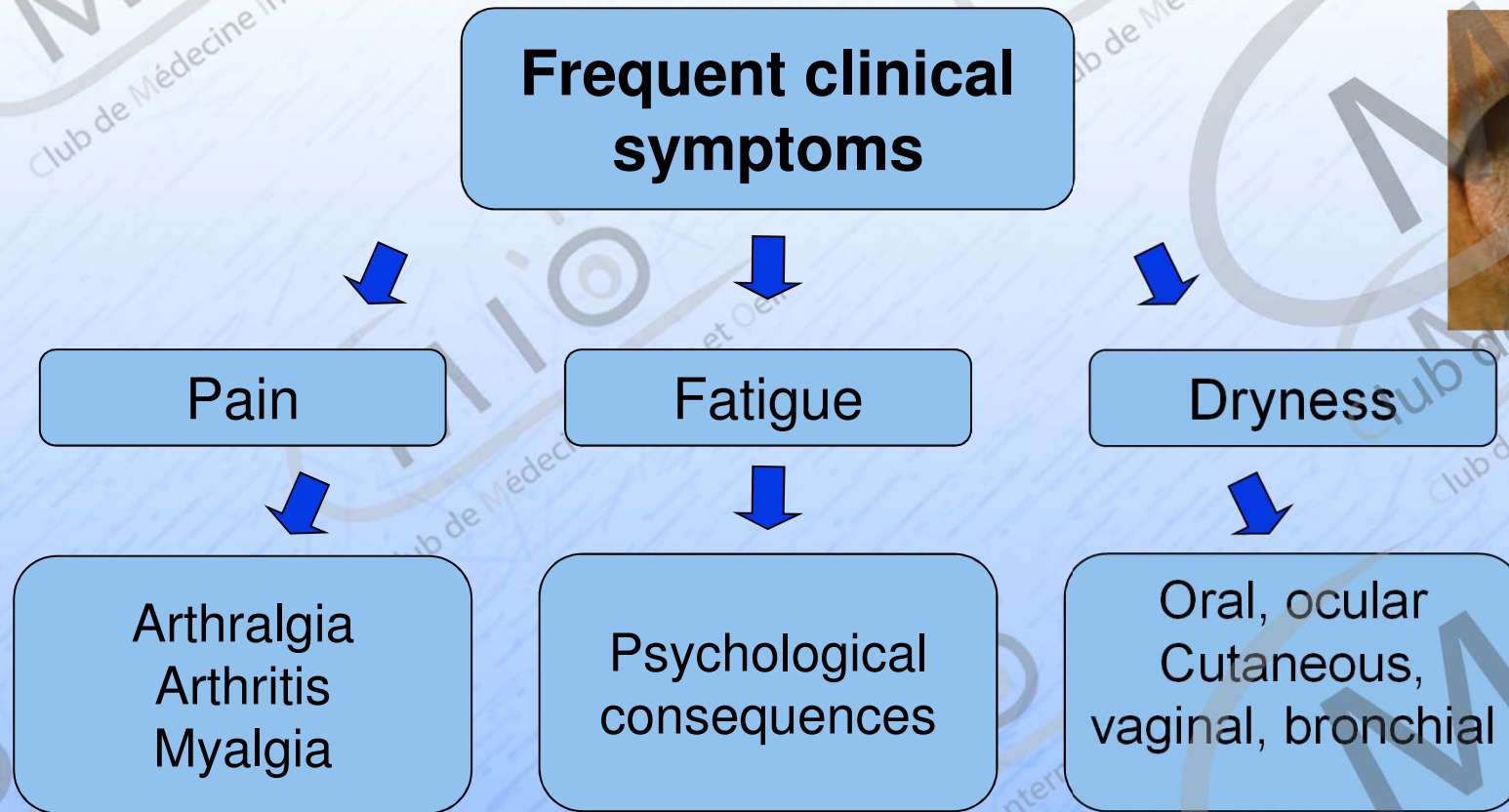
Traitement de la sécheresse oculaire du syndrome de Sjögren Approche globale

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Clinical symptoms of Sjögren's



⇒ **Profound decrease in quality of life**



Complications



Serious complications

Lymphoma

Renal

Pulmonary

Neurological

Other complications

Raynaud

Purpura

Synovitis

Parotid
enlargement



Local symptomatic treatments of dryness

❑ Eye dryness

- Eye drops and gels
 - ❑ As much as necessary
- Symptomatic treatment of associated Meibomian gland disease
- Topical cyclosporine
- Punctal plugging

❑ Mouth dryness

- Artificial saliva

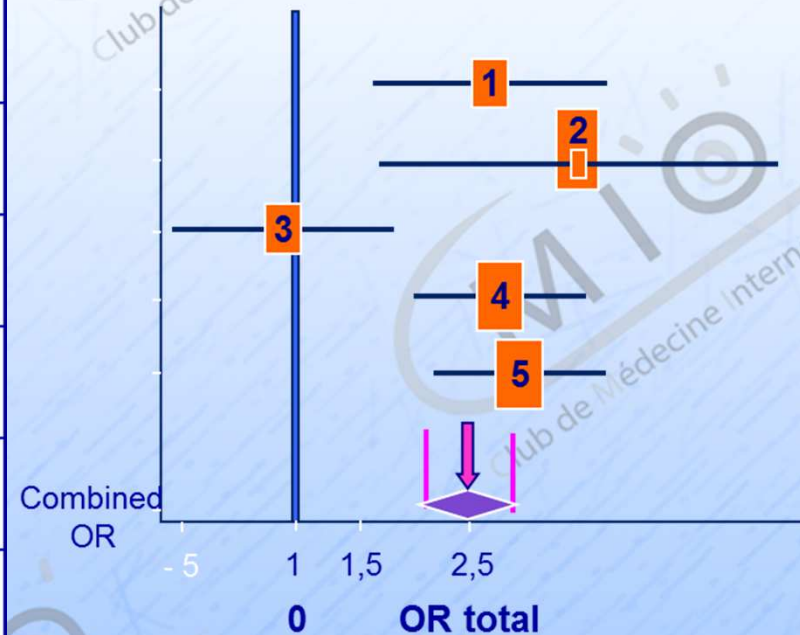
Question

- ❑ Concerning the symptomatic treatments of pSS, indicate the correct answers
 - A. Pilocarpine and cevimeline have demonstrated efficacy for oral dryness
 - B. Pilocarpine and cevimeline may improve ocular dryness
 - C. Cevimeline is available in the US, Japan and Europe
 - D. No treatment has demonstrated efficacy for the treatment of dryness
 - E. Prednisone has demonstrated efficacy for the treatment of ocular dryness

Response; A, B

General treatment of dryness. Pilocarpine and cevimeline: meta-analysis of RCT

	Year of publi	Drug	Nb of patients	Odd ratio (IC ₉₅)
1	2002	Cevime line	197	3,31 (1,62-6,76)
2	2002	Cevime line	75	5,94 (1,69-20,86)
3	No publi	Cevime line	212	0,93 (0,47-1,81)
4	1999	Pilocar pine	373	3,51 (2,09-5,90)
5	1998	Pilocar pine	256	3,98 (2,34-6,76)



- Number needed to treat (NNT) = 4 patients treated for 3 months for improvement of the mouth dryness VAS

Pilocarpine and Cevimeline

- ❑ **Main side effect: sweating → Progressive increase of the doses**
- ❑ **Pilocarpine**
 - Dose: 5 mg / 6h
 - Salagen*: not reimbursed in a number of countries and expensive (150 € / month in France)
 - Practical proposal: magistral preparation of pills of pilocarpine by the pharmacist at 2 and 4 mg
 - → Possible to progressively increase the dose
 - ❑ 2 mg x 2 for 5 days
 - ❑ 2 mg x 2 for 5 days
 - ❑ And until 4 mg 3 to 4 times a day

Pilocarpine hydrochloride (Salagen®) is indicated for the treatment of symptoms of dry mouth and dry eyes in patients with Sjögren's syndrome

Vivino. Arch Intern Med 1999;159:174.

Pilocarpine and Cevimeline

- ❑ **Main side effect: sweating → Progressive increase of the doses**
- ❑ **Cevimeline**
 - More selective and longer half-life
 - 30 mg 3 times a day
 - Only available in the USA and in Japan

Pilocarpine hydrochloride (Salagen®) is indicated for the treatment of symptoms of dry mouth and dry eyes in patients with Sjögren's syndrome

Vivino. Arch Intern Med 1999;159:174.

Treatment of lymphoma

- Treatment of marginal zone lymphomas
 - Hematologists frequently advice abstention
 - Since lymphoma is the result of active disease and of activation of B cells, logical to treat
 - RTX + Bendamustine, RTX + CLB, RTX + Fludarabine
- The only patients with stable improvement of dryness were patients treated for lymphoma with RTX + Bendamustine

Conclusions

centre de référence
maladies rares



- ❑ Pas de bon traitement général de la sécheresse oculaire
- ❑ Le phénomène est potentiellement réversible (exemple des lymphomes traités)
- ❑ Heureusement les traitements locaux ont progressé



Merci

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