



DFASM₁ Free Ride - Gas supply

**Efficacy & safety of galantamine in patients with mild to moderate Alzheimer's disease:
multicentre randomised controlled trial**

<http://www.bmj.com/content/bmj/321/7274/1445.full.pdf>

Lecture rapide préparatoire : proposition de corrigé

◆ **Top-down approach : repérages à effectuer avant d'entreprendre la lecture détaillée**

- **Titre :** *Efficacy & safety of galantamine in patients with mild to moderate AD: multicentre randomised controlled trial*
- **Auteurs :** *Gordon Wilcock, Sean Lilienfeld, Els Gaens on behalf of the Galantamine International-1 Study Group*
- **Tableaux, graphiques, images :** **Vocabulaire utile** *enrol / randomise / assign / run-in / maintenance / discontinue / adverse effects / non-compliance / trial / mean (SD) / findings / infarctions / white matter / baseline / scale / deterioration / improvement / dizziness*

◆ **Scanning**

- **Study's objectives : dernier paragraphe de l'introduction**
 - *To evaluate the safety & efficacy of 2 maintenance doses of galantamine over 6 months compared with placebo in patients with mild to moderate AD*
 - *To investigate whether the apolipoprotein E4 genotype influences the response to galantamine*
- **Design:** *A 6-month, parallel group, double blind, placebo controlled trial in 86 centres in 8 countries*
- **Patients included in the study & why:** *753 were screened, 653 were randomised to treatment. (about 180 patients in each group to achieve 80% power to detect a 2.75 point change*
- **In clinical practice, patients' tolerance of galantamine could be improved by starting at a low dose & escalating the dose slowly**

◆ **Skimming**

- **Number of sections:** 4
- **Titles**
 - *Introduction*
 - *Participants and methods*
 - *Results*
 - *Discussion*
- **Introduction**
 - **Role:** *State of the art, review of the literature + objective(s) of the study*
 - **Tenses:** *Definitions → present. Review=assessment to present day → present perfect*
 - **Number of paragraphs** → 3
 - *Definition*
 - *Review of the literature*
 - *Objectives*
- **Participants and methods**
 - Number of sub-sections → 3
 - **Introduction**
 - *Inclusion criteria*
 - *Exclusion criteria*
 - *Written informed consent*
 - **Design**
 - *Sort of study*
 - *Primary efficacy variables*
 - *Secondary efficacy variable*
 - *Safety evaluations*
 - **Statistical analysis**

- NNT
- Inclusion
- Methods followed

▪ Results

Number of sub-sections → 3

- Function

- Introduction: Number of patients & characteristics
- Primary efficacy variables
- Safety

▪ Discussion

Number of sub-sections → 3

- Function

- Introduction: general conclusion
- Effects of other cholinesterase inhibitors → 3 paragraphs
- Side effects → 2 paragraphs

◆ **Mots inconnus** : peu de difficultés lexicales dans cet article
préfixes/suffixes → *meaningful* p.1446; *regardless*, *disability* p.1447

◆ Chaînes de noms

- *This was a six month, parallel group, double blind, placebo controlled trial* p.1445. Le nom est le dernier élément, **trial**. Notez que tout ce qui est entre l'article **a** et le nom **trial** fonctionne comme un adjectif, donc est invariable (*six month*)
- *The standard 11 item cognitive subscale* p.1446. Tout ce qui est entre l'article **The** et le nom **subscale** fonctionne comme un adjectif, donc est invariable (*11item*).
- *A six month intention to treat analysis*

◆ Phrases longues : repérez le verbe principal, tout ce qui est avant ce verbe est le groupe sujet. Trouvez le nom principal dans le groupe sujet :

- p.1446 *This difference in the change in the 11-item cognitive subscale of the Alzheimer's disease assessment scores between patients who received galantamine and placebo after six months was considered to be clinically meaningful.*
Verbe **was considered**, Sujet **This difference**
- p 1447 *The effect of either dose of galantamine on the clinician's interview based impression of change plus caregiver input ratings was significantly better than that of placebo at six month.*
Verbe **was**, Sujet **The effect** ne pas se laisser distraire par *ratings* (pluriel) juste avant **was**
- p.1448 *In a recent, five month, placebo controlled study of galantamine, in which the dose was escalated over eight weeks, the proportion of patients who discontinued galantamine 24 mg/day due to adverse events was low (10%) and comparable to that in the placebo group (7%).*
Verbe **was**, Sujet **the proportion**

◆ Pronoms personnels, possessifs & démonstratifs : trouvez le référent (le nom auquel le pronom renvoie) :

- *The effect of either dose of galantamine on the clinician's interview based impression of change plus caregiver input ratings was significantly better than that of placebo at six months*
That renvoie à **The effect**
- *In a recent, five month, placebo controlled study of galantamine, in which the dose was escalated over eight weeks, the proportion of patients who discontinued galantamine 24 mg/day due to adverse events was low (10%) and comparable to that in the placebo group (7%).*
that renvoie à **the proportion**

◆ Language corner

✦ Vocabulary exercise

preuves → evidence (toujours au sg)	soignant → care giver	réel → actual	cote → ratings
améliorer, mettre en valeur	inclure dans une étude → enrol	disponible → available	incapacité, infirmité, invalidité

→ enhance			→ disability
évaluer / évaluation → assess/ assessment	essai (clinique) → (clinical) trial	données → data (pl)	effets indésirables → adverse effects
malade (consultation externe) → outpatient	gamme, éventail → range	données d'entrée (à traiter) → input	altération, infirmité, handicap → impairment
début (traitement, maladie) → onset	échelle (de valeurs) → scale	moyen → mean	conclusions → findings
satisfaire aux critères de... → meet the criteria (sg: criterion)	analyse / analyses / analyser → analysis / analyses / analyse	résultat → outcome	corroborer → agree with

- **Pronunciation: Practise these words with** <http://www.merriam-webster.com/>
- **Learn these words!**



<http://medicalenglish.univ-nantes.fr/>