Épreuve LCA ECNi 2017

Early-Onset Alopecia and Amyotrophic Lateral Sclerosis: A Cohort Study

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3783095/

Lecture rapide préparatoire : Proposition de corrigé

◆ *Top-down approach*
  ▪ **Titre** *Early-Onset Alopecia and Amyotrophic Lateral Sclerosis: A Cohort Study*
  ▪ **Auteurs** Elinor Fondell et al.

◆ *Scanning*
  ▪ **Aim of the study** → Last sentence of **Introduction:** *We therefore explored the association between early-onset alopecia and ALS among participants in a large cohort of US men*
  ▪ **What this study suggests** → Beginning & end of **Discussion:**
    - *In this large cohort of male health professionals, self-reported early-onset alopecia was associated with a higher risk of ALS*
    - In conclusion, we found an association between early-onset alopecia and ALS
  ▪ **Limitations to this study** → End of **Discussion**
    - low number of ALS cases
    - we were unable to study the risk of alopecia and ALS in different ethnic and racial groups

◆ *Skimming*
  ▪ **Introduction**
    o Definition
    o Cause
    o Review of literature
    o Objectives

  ▪ **Materials & Methods**
    o *Study population*
    o *Alopecia assessment*
    o *Ascertainment of ALS*
    o *Data analysis*

  ▪ **Results**
    o *The distribution of baseline characteristics was similar across alopecia groups*
    o *The crude incidence rate of ALS increased with age*
    o *Participants reporting extensive alopecia had an almost 3-fold increased risk of ALS compared with those reporting no alopecia*

  ▪ **Discussion**
    o Self-reported early-onset alopecia was associated with a higher risk of ALS
    o Alopecia assessment at an earlier age would be of value in future studies
    o Limitations of the study
    o Neither the cause of ALS nor the cause of alopecia is fully understood
    o **Conclusion:** we found an association between early-onset alopecia and ALS

- ◆ **Côté linguistique : cet article ne présente aucune difficulté linguistique**
  - ▪ Pas de mots difficiles ou vraiment inconnus
  - ▪ Pas de phrases longues
  - ▪ Pas de chaînes de noms rendant la phrase difficile à comprendre
  - ▪ Pas de pronoms personnels, possessifs & démonstratifs nécessitant la recherche du référent
  - ▪ **Connecteurs logiques qui structurent l'argumentaire :**
    furthermore = de plus, *therefore* = donc , *so* = aussi, *i.e.* = c'est-à-dire, *unless* = à moins que, *however* = toutefois, *further* = de plus, *instead of* = au lieu de, *thereby* = ainsi, *still* = toujours, *even though* = même si, *neither…nor* = ni..ni, *although* = bien que
  - ▪ **Modaux**
    - **Conseil**
      - o The results of this study *should* be interpreted with caution, and the hypothesis of alopecia and its association with ALS *should* be tested in other populations
      - o further studies *should* be conducted to explore this association
    - **Point de vue : faible éventualité**
      - o there *might* be unmeasured confounding by unknown predictors of ALS
      - o androgen receptor sensitivity *might* play a role in ALS etiology