



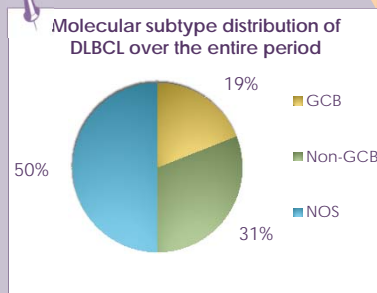
# A look on diagnostic, therapeutic and prognosis practices for DLBCL from 2012 to 2016 in Côte d'Or



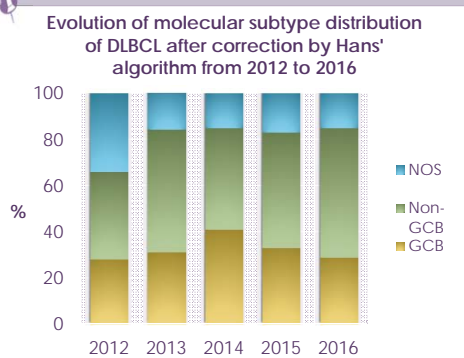
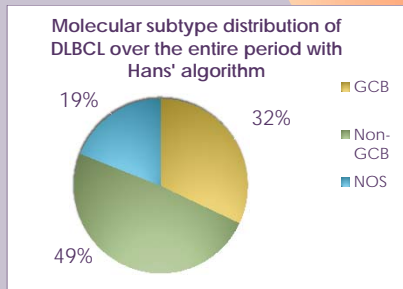
S. Girard<sup>1</sup> ; J. Clivio<sup>1</sup> ; M. Mounier<sup>1</sup> ; S. Gauthier<sup>1</sup> ; S. Ramla<sup>2</sup> ; C. Rossi<sup>3</sup> ; M. Maynadié<sup>1</sup>  
 1- Registre des hémopathies malignes de côte d'or, inserm 1231, Université de Bourgogne, Dijon;  
 2- Laboratoire d'anatomopathologie, CHU, Dijon;  
 3- Hématologie clinique, CHU, Dijon

## Results

- Sex ratio : 1,43
  - Similar whatever the molecular subtype
- Median age :
  - GCB : 71 y-o
  - Non-GCB : 77 y-o
  - NOS : 80 y-o



61% of NOS reallocated on GCB and Non-GCB with Hans' algorithm



Decrease of NOS from 2012 to 2013, from 34 to 17%, and stabilize after (ns)

Treatments received (%)\* by molecular subtype over the entire period

%	R-CHOP	R-ACVPB	Palliative care	Early death	Unknown
GCB	66	9	6	6	4
Non-GCB	65	9	6	9	1
NOS	66	9	6	0	0

\*Only treatments received over 5% presented

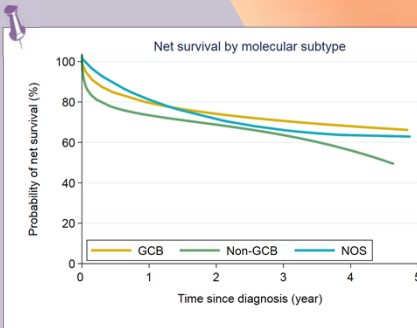
No difference in the therapeutic management was found according to subtype. 65% received the R-CHOP protocol and 9% the R-ACVBP protocol

## Introduction

Diffuse large B cell lymphoma (DLBCL) is the most common non-Hodgkin lymphoma type. Since 2003, the use of Hans' algorithm allows to distinguish two molecular subgroups with different prognosis defined in the 2008 WHO classification: the "germinal centre B-cell (GCB)" and "non-germinal centre B-cell (Non-GCB)" subtypes. Our aim is to study the therapeutic management and DLBCL survival by molecular subtypes from 2012 to 2016.

## Methods

- 165 DLBCL diagnosed from 01-01-2012 to 12-31-2016 in the Côte d'or population.
- Excluded central nervous system, intravascular and mediastinum localizations.
- Molecular grouping : GCB, Non-GCB and Not Other Specified (NOS).
- Use of the Hans' algorithm to reassess NOS subtype.
- Net survival estimation by the Pohar-Perme's estimator.
- Comparaison of net survival distribution by the Graffeo *et al* test.
- End point : 06-30-2018.



• Stata (V15) and R software.

## Conclusion

Diagnosis accuracy has improved over the period studied but unfortunately around 20% of cases remained under explored for various reasons. Knowing DLBCL subtype is crucial to offer personalized care with more inclusion into therapeutic trials with new strategies to improve survival of Non-GCB.