

Degree of control of Type 2 Diabetes in Spain according to individualized glycemic targets Results from the **DIABCONTROL Study**

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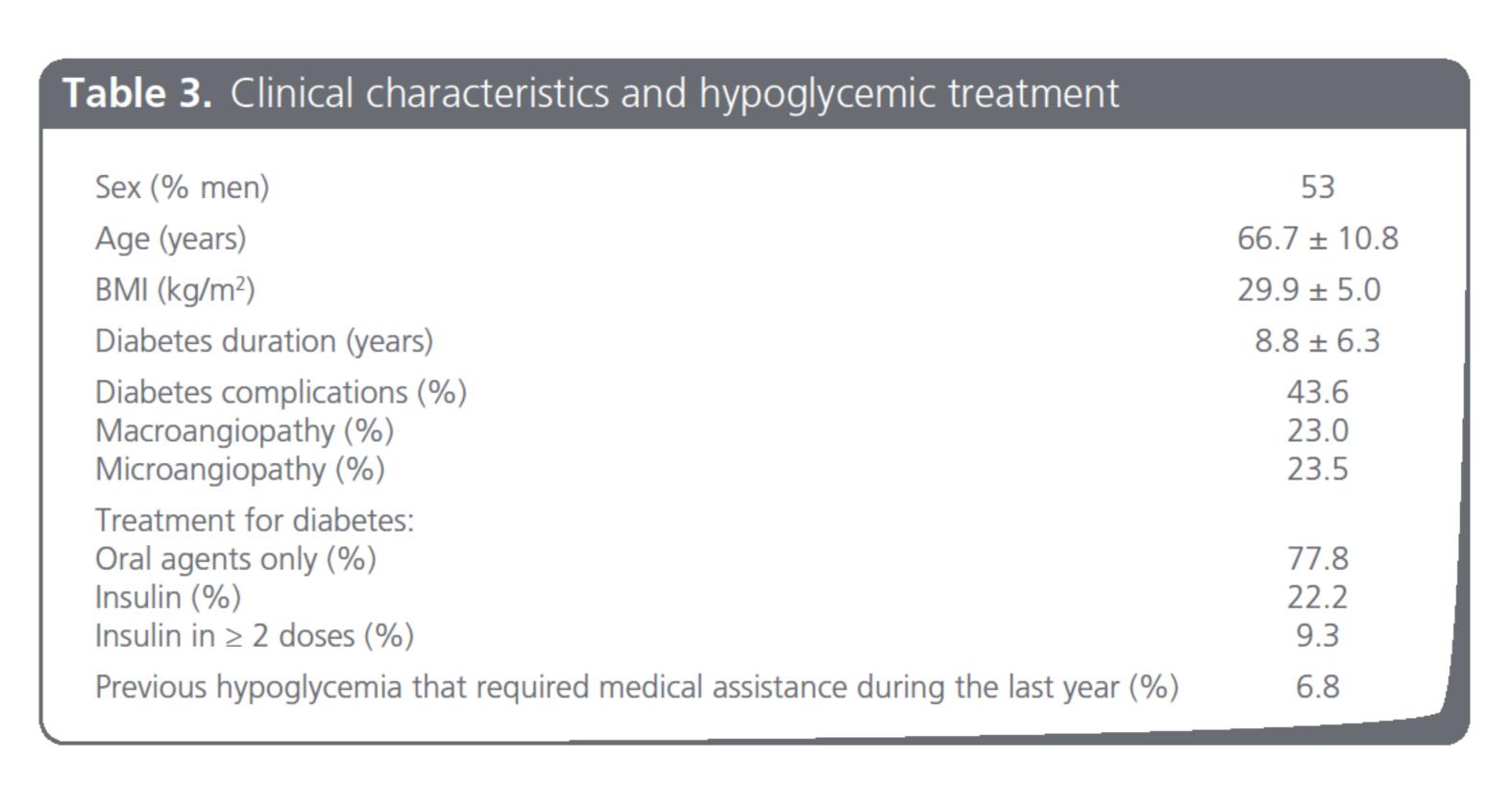
Objective

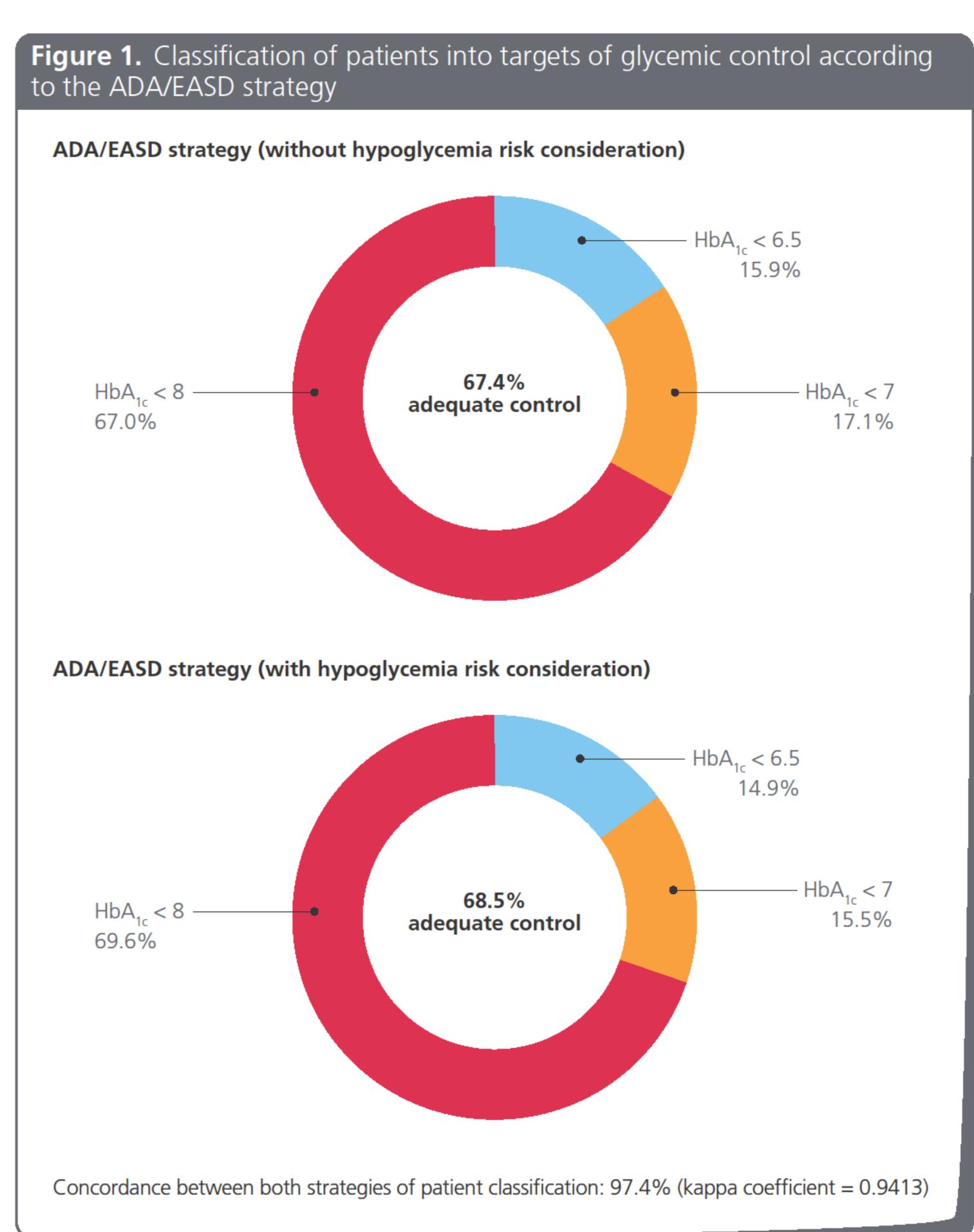
Estimation of the distribution of Spanish diabetic patients according to individualized glycemic targets recommended by the ADA/EASD consensus with and without considering the risk of hypoglycemia.

Methods

- Cross-sectional study (2011-2012) in Primary Care centers throughout Spain.
- 5382 Type 2 diabetic patients under pharmacological antihyperglycemic treatment.
- Single visit:
 - Measurement of capillary HbA_{1c} (A1CNow⁺).
 - Clinical variables analyzed:
 - Age.
 - Diabetes duration.
 - Treatment.
 - Chronic complications (macroalbuminuria, chronic kidney disease, diabetic foot, diabetic retinopathy, polineuropathy, peripheral vascular disease, cerebrovascular disease, coronary vascular disease).
 - Hypoglycemia that required medical assistance during the 12 months prior to the inclusion.
- Classification of patients into targets of HbA_{1c} according to the ADA/EASD consensus:
 - Taking into account hypoglycemia risk (having a history of past hypoglycemia or being treated with ≥ 2 doses of insulin).
 - Not taking into account hypoglycemia risk.
- Statistics:
 - Descriptive: variables expressed as % or mean ± SD.
 - Assessment of concordance between both strategies of classification: Cohen's kappa coefficient of correlation.

	HbA _{1c} (%)	Age (years)	Diabetes duration (years)	Chronic complications
ADA/EASD-1	≤ 6.5	Any	< 5	No
ADA/EASD-2	≤ 7	≤ 75	5-9	No
ADA/EASD-3	≤ 8	> 75	Any	Any
		Any	> 10	Any
		Any	Any	Yes





Results



Conclusions

- Individualization of glycemic targets increases the proportion of patients that are considered adequately controlled.
- Inclusion of information regarding hypoglycemia risk into the ADA/EASD strategy does not affect patient classification.













