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• **Type of presentation :**

- **Oral presentation**

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**DIAGNOSIS / RESEARCH OF THE ETIOLOGY OF STROKE**  
**HYPOTHYROIDISM THE BETTER FACTOR OF RISK OF STROKE**

**Summary:**

The *stroke illness* is considered in the *yearbooks of the INEC* as the *first cause of death in Ecuador from the year 1993 to year 2007*. From 2008 the *Diabetes* amounted to the first position; however, the *stroke illness* and the *arterial Hypertension* are positioned in 2nd. and in 3er. place; the *ischemic illness of the heart* is located in fifth position.

The *analysis* was made from *September 2001 until August 2010*. The *universe* was constituted by *37.460 adults of the North West of Quito*, who receive attention in the *external consultation of a public Clinic of the IESS* and in the *Private Unit of Prevention Neuro-endocrine-vascular of the city of Quito*. It was taken a sample of *11.520 persons*, from which there were detected *645 patients as carriers of primary Hypothyroidism of the adult*. It was found a wide association between the *factors of vascular risk: Metabolic Syndrome, HTA, overweight, Diabetes, Dislipidemias* in interrelation with *primary Hypothyroidism of the adult*. *74,7 % of the patients* was constituted by women and *25,3%* by men.