

In 2011 Recommendation for laboratory diagnostics of functional and autoimmune thyroid diseases was published. Its target is to recommend correct method when choosing thyroid examination parameters to general practitioners and thus find a way how to save money on useless examinations which then can be used by hospital in other area. To verify physicians adhere to these recommendations file of VFN patients in Prague for year 2011 was used and statistically evaluated. Watched parameters included thyrotropin (TSH), free triiodothyronine (FT3), total triiodothyronine (T3), free thyroxine (FT4), total thyroxine (T4), thyroid peroxidase antibodies (anti – TPO), thyroglobulin antibodies (anti – Tg), thyroglobulin (Tg) and thyroxine – binding globulin (TBG). Basic test according to published recommendation should include only TSH and if out of reference limits then it should be followed by FT4 test or antidote assessment. Other parameters are unnecessary for initial examination, some of them are not used anymore or should be examined only by clinics specialized in endocrinology. Based on the file records many physicians are still ordering unnecessary examination parameters. In one year 13,8 % of unnecessary parameters out of 44 415 thyroid function examinations were determined. This is 1 095 013 points that could be saved a year by this hospital in thyroid function examination area.