Construction of remote monitoring system of children with tall or short stature and overweight or poor weight gain from the elementary school health checkup data.

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I declare that I have no potential conflict of interest.

OBJECTIVES

To reveal how many children who have the extent physique problems from height and weight data obtained from school health check of the ward there are. To build a regional cooperation system not to miss the patients who hospital consultation from the onset becomes too late.

METHODS

We analyzed the height and weight data which had been input to the academic affairs system and which were the total of 11 times in the school medical examination from September 2012 to April 2014. School nurse measures height and weight of students 3 times a year.

RESULTS

Unlike the ratio of child of the high height, the ratio of low height child was about 1.4% and was not according to normal distribution. According to the school year it goes up, because the students that have problems in physique (thinness, obesity, short stature, poor height velocity) was observed tends to increase, there is a need for early intervention. Some reports show height screening is efficient economically.

CONCLUSIONS

REFERENCES: