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8 ЖИЛД, 1 СОН

ЖУРНАЛ БИМЕДИЦИНЫ И ПРАКТИКИ

ТОМ 8, НОМЕР 1

JOURNAL OF BIOMEDICINE AND PRACTICE

VOLUME 8, ISSUE 1



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ANTHROPOMETRY MEASUREMENTS OF THE TOOTH MAXILLARY SYSTEM IN CHILDREN OF DIFFERENT AGES

For citation: Nortaeva A.Nukufar, Axmedova M.Sayora, Nortaev B.Azamat. ANTHROPOMETRY MEASUREMENTS OF THE FACIAL-MAXIMAL SYSTEM IN CHILDREN OF DIFFERENT AGES// Journal of Biomedicine and Practice. 2023, vol. 8, issue 1, pp.114-118

 <http://dx.doi.org/10.5281/zenodo.7835288>

ANNOTATION

The article provides information about changes in the maxillofacial system of children of different ages with hypothyroidism, as well as its consequences. We used the Bunak method to measure the anthropometry of the face-jaw system. We compared the anthropometric indicators of healthy and hypothyroid children of different ages and studied the differences between them.

Keywords: hypothyroidism, normal, healthy, sick, girl, boy, diagram

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TURLI YOSHDAGI BOLALARDA YUZ-JAG` SISTEMASINING ANTROPOMETRIYASI O`LCHAMLARI

ANNOTATSIYA

7 yoshdan 18 yoshgacha bo`lgan sog`lom va gipotireoz tashhisli jami 90 nafar o`g`il va qiz bolalarning yuz jag` tizimining antropometrik o`lchovlari o`tkazildi va solishtirildi. Olingan ma`lumotlar tahlili gipotireoz holatidagi o`g`il bolalarda sog`lom bolalarga qaraganda antropometrik ko`rsatkichlarning o`sishdan orqada qolishi aniqlandi. Bu o`zgarishlar asosan 9 sinf bolalarda yaqqol namoyon bo`ldi.

Kalit so`zlar: gipotireoz, yuz jag` tizimi antropometriyasi, postnatal ontogenez

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АНТРОПОМЕТРИЧЕСКИЕ ИЗМЕРЕНИЯ ЗУБОЧЕЛЮСТНОЙ СИСТЕМЫ У ДЕТЕЙ РАЗНОГО ВОЗРАСТА

АННОТАЦИЯ

В статье представлены сведения об изменениях челюстно-лицевой системы у детей разного возраста при гипотиреозе, а также его последствиях. Мы использовали метод Бунака для измерения антропометрии челюстно-лицевой системы. Мы сравнили антропометрические показатели здоровых и гипотиреоидных детей разного возраста и изучили различия между ними.

Ключевые слова: гипотиреоз, норма, здоровый, больной, девочка, мальчик, диаграмма.

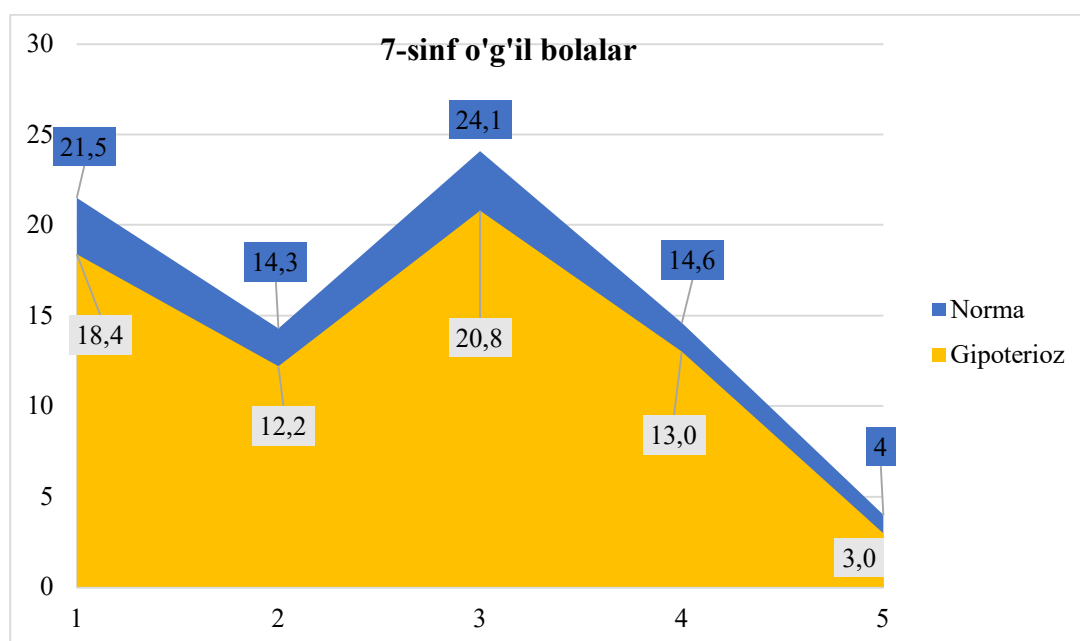
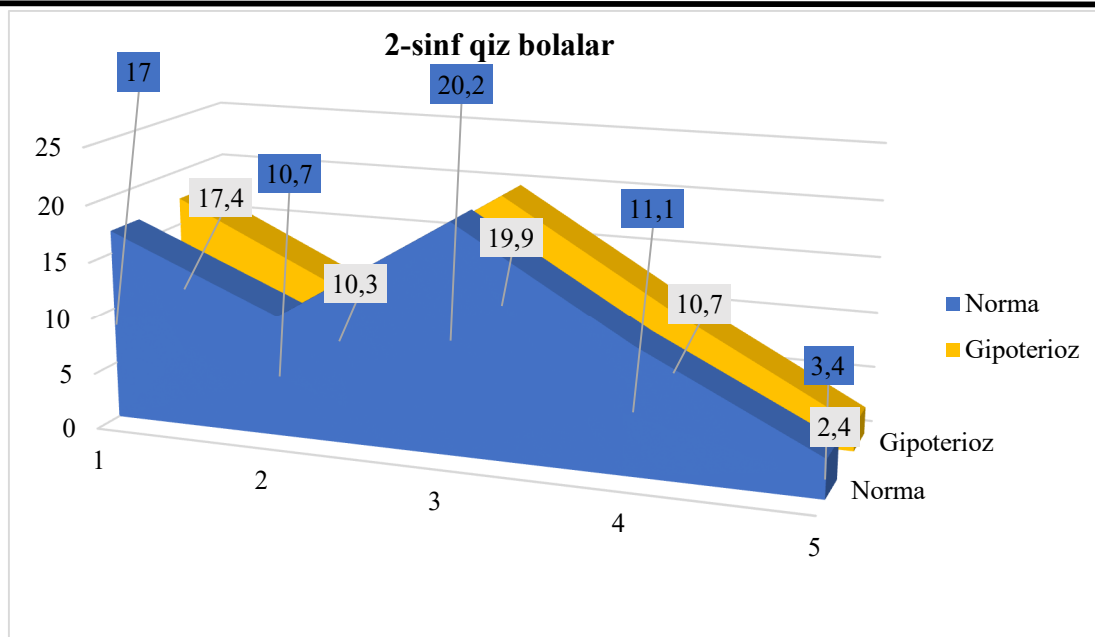
Bugungi kunda gipotireoz noinfeksion kasallik sifatida dunyoning ko'plab mamlakatlariga kirib borgan (1, 2). Shuningdek, bizning respublikamiz aholisining ham katta qismini qamrab olgan (3, 4). Gipotireozda nafaqat metabolizm, immunoreaksiyalar balki, tayanch-harakatlanish sistemasida ham o'zgarishlar sodir bo'ladi (5, 6). Ayniqsa, bu o'smir yoshdagi bolalarning yuz-jag' sistemasining antropometriyasida yaqqol seziladi (2, 5). Endokrin tizim muammolarining stomatologik kasalliklarga sabab bo'lishini bir qancha olimlar o'rgangan. Bu ilmiy manbalarda endokrin tizim kasalliklarining og'iz bo'shlig'i kasalliklari bilan bog'liqligi ilmiy asoslangan (6, 7).

Tadqiqotning maqsadi. Turli yoshdagi bolalarda yuz-jag' sistemasining antropometriyasi o'lchamlarini o'rganish.

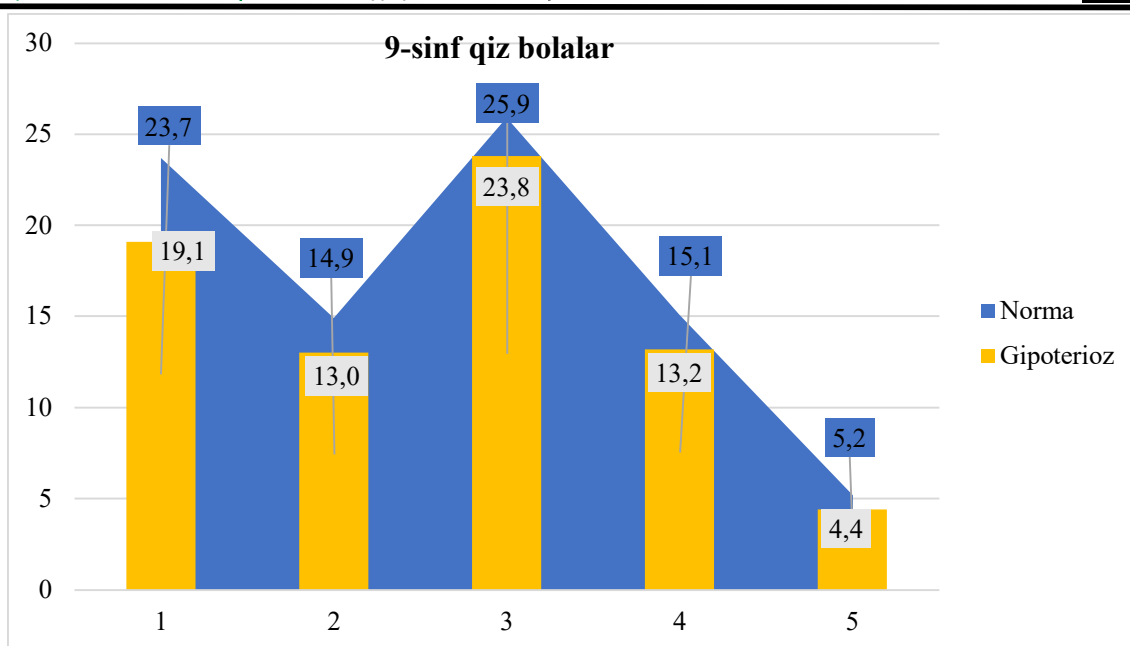
Tadqiqot materiallari va usullari. Sefalometrik tekshiruv Bunak V.V. usuli bo'yicha o'tkazildi. Bunak antropometrik tadqiqotlar uchun barcha talab va tavsiyalarga muvofiq boshning parametrlarini o'lchash uchun metrologik tekshirishdan o'tgan standart asboblardan ishlatildi, ya'ni zich asosda elastik o'lchash tasmasidir. Antropometrik tadqiqot boshni orbital-quloq (Frankfurt) gorizontaliqa qo'yib, asosiy nuqtalar orasidagi 21 parametрни o'lchashdan iborat. Olingan ma'lumotlar pasport qismi va antropometrik xususiyatlar bo'limini o'z ichiga olgan maxsus ishlab chiqilgan xaritaga kiritildi. Boshning miya va yuz tuzilishi parametrlarini o'lchash usulidir. Biz antropometrik ko'rsatkichlarni baholash uchun maktab yoshidagi bolalarni oldik. Bunda sefalometrik tekshiruv Bunak V.V. usulidan foydalandik. 7 yoshdan 18 yoshgacha bo'lgan 90 nafar bolani qabul qildik. Biz ularni 3 guruhga ajratdik. Birinchi guruh 2-sinf bolalari (7-10 yosh), ikkinchi guruh bolalari, 7-sinf bolalari (11-14 yosh), uchinchi guruh, 9-sinf (15-18 yosh) bolalarini oldik. Biz ularni yana 2 guruhga ajratdik: o'g'il bolalar va qizlar. Bunak V.V. usuli 21 parametrdan iborat bo'lib, shundan biz yuz-jag' antropometriyasiga oid bo'lgan 5 ta ko'rsatkichni tanlab oldik. Har bir guruhda 1) Yuzning fiziognomik balandligi 2) Yuzning morfologik balandligi 3) Yuzning morfologik kengligi 4) Yuzning yuqori chuqurligi 5) Pastki jag'ning balandligi o'rganildi.

Tadqiqot natijalari. Maktab yoshidagi 2-sinf o'g'il bolalarining (7-10 yoshli) yuzining fiziognomik balandligi o'rtacha $18,7 \pm 0,5$ mm ni tashkil etdi. Xuddi shu yoshdagi o'g'il bolalar yuzining o'rtacha morfologik balandligi $12 \pm 0,12$ mm, yuzning morfologik kengligi $22 \pm 0,8$ mm, yuzning yuqori chuqurligi $13 \pm 0,7$ mm, pastki jag'ining balandligi $3,5 \pm 1,1$ mm. Bu yoshdagi qizlarda bu ko'rsatkichlar o'rtacha quyidagi parametrlarga teng edi: yuzning fiziognomik balandligi o'rtacha $17 \pm 0,9$ mm, yuzning morfologik balandligi o'rtacha $10,7 \pm 0,3$ mm, yuzning morfologik kengligi $20,2 \pm 1,3$ mm, yuzning yuqori chuqurligi $11,1 \pm 0,5$ mm, pastki jag'ning balandligi esa $3,4 \pm 0,6$ mm ekanligi aniqlandi.

Maktab yoshidagi 7-sinf o'g'il bolalarida (11-14 yosh) yuzning fiziognomik balandligi o'rtacha 15% ga oshganligi aniqlandi. Shu yoshdagi o'g'il bolalarning yuzining morfologik bo'yi 19 foizga, yuzning morfologik kengligi 10 foizga, yuzning yuqori chuqurligi 12 foizga, pastki jag'ning balandligi 12 foizga oshgani qayd etildi. 14 foizga oshdi. Bu ko'rsatkichlar o'sha yoshdagi qizlarda quyidagi ko'rsatkichlarga teng edi: yuzning fiziognomik bo'yi 28% ga, yuzning morfologik balandligi 24% ga, yuzning morfologik kengligi 16% ga, yuqori. yuzning chuqurligi 22% ga, pastki jag'ning balandligi esa 26% ga oshdi.



Aniqlanishicha, maktab yoshidagi 9-sinf o'g'il bolalarida (15-18 yosh) yuzning fiziognomik balandligi o'rtacha 37 foizga oshgan. Xuddi shu yoshdagi o'g'il bolalarning yuzining morfologik bo'yi 26% ga, yuzning morfologik kengligi 22% ga, yuzning yuqori chuqurligi 18% ga, pastki jag'ning balandligi o'sganligi hisoblab chiqilgan. 42 foizga oshdi. Bu ko'rsatkichlar o'sha yoshdagi qizlarda quyidagi ko'rsatkichlarga teng edi: yuzning fiziognomik balandligi 9% ga, yuzning morfologik balandligi 12% ga, yuzning morfologik kengligi 11% ga, yuqori. yuzning chuqurligi 12% ga, pastki jag'ning balandligi esa 21% ga oshdi. Gipotireoz bilan og'rigan 2-sinf o'g'il bolalarning yuzining fiziognomik balandligi sog'lom bolalarnikiga nisbatan sezilarli darajada o'zgarmaganligi va 6% ni tashkil etgani qayd etildi. Xuddi shu yoshdagi o'g'il bolalarning yuzining morfologik balandligi sezilarli darajada o'zgarishsizligi aniqlandi 3%. Aniqlanishicha, yuzning morfologik kengligi 1% ga, yuzning yuqori chuqurligi 5% ga, pastki jag'ning balandligi esa sezilarli darajada 25% ga oshgan. Ushbu ko'rsatkichlar shuni ko'rsatdiki, xuddi shu yoshdagi gipotireozli qizlarda yuzning fiziognomik balandligi sog'lom bolalarnikiga nisbatan o'zgarmagan, yuzning morfologik balandligi 4% ga, yuzning morfologik kengligi 2% ga sezilarli darajada o'zgarmagan, yuzning yuqori chuqurligi 4% ga, pastki jag'ning balandligi esa 42% ga sezilarli darajada oshdi.



Gipotireoz bilan og'rikan 7-sinf o'g'il bolalarning yuzining fiziognomik balandligi sog'lom bolalarnikiga nisbatan sezilarli darajada o'zgarmaganligi va 17% ni tashkil etgani qayd etildi. Xuddi shu yoshdagi o'g'il bolalarning yuzining morfologik balandligi ham 17% ni ko'rsatdi. Yuzning morfologik kengligi 16% ga, yuzning yuqori chuqurligi 12% ga, pastki jag'ning balandligi sezilarli darajada 33% ga oshgani kuzatildi. Ushbu ko'rsatkichlar shuni ko'rsatdiki, xuddi shu yoshdagi gipotireozli qizlarda yuzning fiziognomik balandligi sog'lom bolalarga nisbatan 17% ga sezilarli darajada o'zgargan. Aniqlanishicha, yuzning morfologik balandligi 10% ga, yuzning morfologik kengligi 7% ga, yuzning yuqori chuqurligi 11% ga, pastki jag` balandligi esa 48% ga sezilarli darajada oshgan.

Gipotireoz bilan og'rikan 9-sinf o'g'il bolalarning yuzining fiziognomik balandligi sog'lom bolalarnikiga nisbatan sezilarli o'zgarmaganligi va 22% ni ko'rsatganligi qayd etildi. Xuddi, shu yoshdagi o'g'il bolalarning yuzining morfologik balandligi ham 11% ni qayd etdi. Aniqlanishicha, yuzning morfologik kengligi 8% ga, yuzning yuqori chuqurligi 15% ga, pastki jag'ning balandligi sezilarli darajada 35% ga oshgan. Ushbu ko'rsatkichlar shuni ko'rsatdiki, xuddi shu yoshdagi gipotireoz bilan og'rikan qizlarda yuzning fiziognomik balandligi sog'lom bolalarga nisbatan 24% ga sezilarli darajada o'zgargan. Ta'kidlanishicha, yuzning morfologik balandligi 15% ga, yuzning morfologik kengligi 9 % ga, yuzning yuqori chuqurligi 14 % ga, pastki jag'ning balandligi sezilarli darajada 18 % ga oshgan.

Xulosa. 1. Bizning tadqiqotimiz natijasida gipotireoz bilan og'rikan bolalarda normaga nisbatan ko'rsatkichlarning pasayishi kuzatildi.

2. Yuz-jag' tizimidagi o'zgarishlar 9-sinf bolalarida, ayniqsa, o'smirlik yoshiga yetganida aniq kuzatildi.

3. Yuz-jag' tizimidagi o'zgarishlar gipotireoz bilan og'rikan 7-sinf o'g'il bolalarda yaqqol o'zgarishlar aniqlandi.

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8 ЖИЛД, 1 СОН

ЖУРНАЛ БИМЕДИЦИНЫ И ПРАКТИКИ

ТОМ 8, НОМЕР 1

JOURNAL OF BIOMEDICINE AND PRACTICE

VOLUME 8, ISSUE 1

Контакт редакций журналов. www.tadqiqot.uz
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