



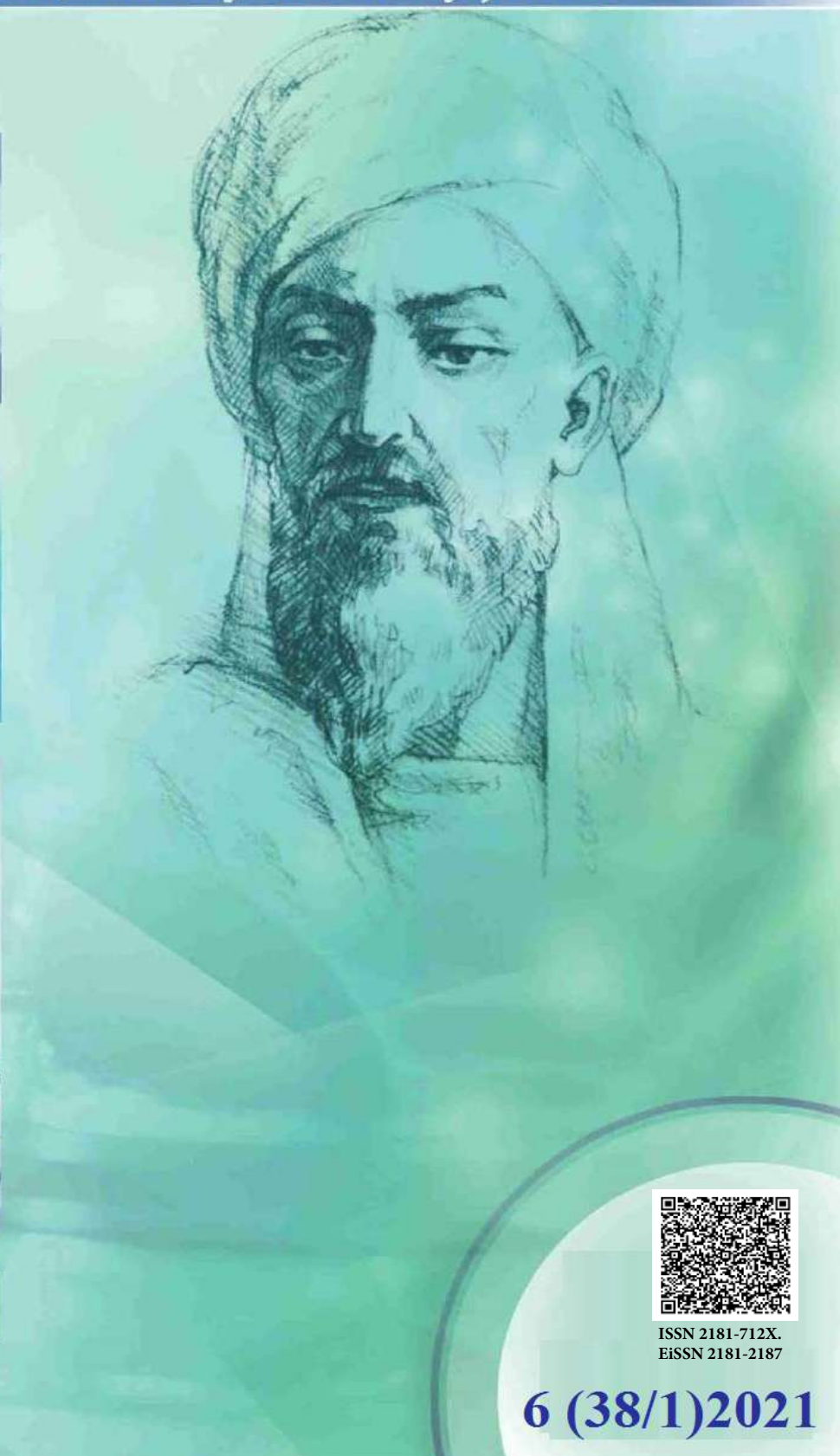
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**COVID-19 БИЛАН КАСАЛЛАНГАН ОНАЛАРДАН ТУҒИЛГАН
ЧАҚАЛОҚЛАРНИНГ АҲВОЛИНИ БАҲОЛАШ**

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✓ **Резюме**

Янги коронавирус инфекциясининг одамлар ўртасида кенг ва жуда тез тарқалиши амалий соғлиқни сақлаш ва илм-фан учун бир қатор муаммоларни келтириб чиқарди ва уларни зудлик билан ҳал қилишни талаб қилади. COVID-19да перинатал ўлимнинг кўпайиши, эрта туғилиш, ҳомила тушиши, преэклампсия ва шошилиш кесарча кесиш ҳолатлари кўпайиши, янги коронавирус инфекциясини ҳомиланинг она қорнида ривожланиши, ҳомиладорликнинг кечиши ва янги туғилган чақалоқнинг саломатлигига салбий таъсир қилишини кўрсатади. Бухоро вилоятидаги Когон “COVID госпитали” базасида COVID-19 билан касалланган оналардан туғилган чақалоқларнинг хусусиятларини ўрганиш мақсадида 153 нафар янги туғилган чақалоқ кўрикдан ўтказилди. Барча ҳомиладор аёлларда SARS-CoV-2 ПЦР тести мусбат бўлган. COVID-19 билан касалланган оналардан туғилган чақалоқларнинг статистик маълумотлари, муддатидан олдин туғилган чақалоқлар сони ошганлигини, бундан ташқари ўрганган гуруҳда туғруқ асфиксия ва морфофункционал етилмаганлик таъхиси кўйилган янги туғилган чақалоқлар сони кўпайганлигини кўрсатади.

Калит сўзлар: COVID-19, SARS-CoV-2, COVID-19 билан оғриган оналардан туғилган янги туғилганлар, туғма асфиксия, морфофункционал етуклик

ОЦЕНКА ДЕТЕЙ, РОЖДЕННЫХ ОТ МАТЕРИ С COVID-19

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✓ **Резюме**

Повсеместное и очень быстрое распространение новой коронавирусной инфекции среди людей, поставило целый ряд проблем перед практическим здравоохранением и наукой который требующих незамедлительного решения. С учетом повышении перинатальной смертности, возрастании частоты преждевременных родов, выкидышей, случаев преэклампсии и экстренного кесарева сечения при COVID-19 вполне закономерна постановка вопроса о возможном неблагоприятном влиянии новой коронавирусной инфекции на внутриутробное развитие плода, исход беременности и состояние здоровья новорожденного. Для изучения особенности новорожденных, родившихся от матерей с COVID-19 на базе Казанского “COVID госпиталя Бухарской области были обследованы 153 новорожденных. У всех беременных ПЦР тест на SARS-CoV-2 были положительны. Анализ статистических данных новорожденных детей, родившихся от матерей с COVID-19 показал, что число детей, родившихся ранее гестационного срока возросло, кроме этого в наблюдаемой группе увеличилось количество детей новорожденных с диагнозом родовая асфиксия и морфофункциональная незрелость.

Ключевые слова: Новорожденные родившихся от матерей с COVID-19, SARS-CoV-2, COVID-19, родовая асфиксия, морфофункциональная незрелость, новорожденные, синдром дыхательных расстройств

ASSESSMENT OF CHILDREN BORN FROM MOTHERS WITH COVID-19

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✓ Resume

The widespread and very rapid spread of the new coronavirus infection among people has posed a number of problems for practical health care and science that require immediate solutions. Taking into account the increase in perinatal mortality, an increase in the frequency of preterm birth, miscarriages, cases of preeclampsia and emergency caesarean section in COVID-19, it is quite natural to raise the question of the possible adverse effect of a new coronavirus infection on the intrauterine development of the fetus, the outcome of pregnancy and the health of the newborn. To study the characteristics of newborns born to mothers with COVID-19 on the basis of the Kagan "COVID hospital" in the Bukhara region, 153 newborns were examined. All pregnant women tested positive for SARS-CoV-2 PCR. Analysis of statistical data on newborns born to mothers with COVID-19 showed that the number of children born earlier than gestational age increased, in addition, the number of newborns diagnosed with birth asphyxia and morphofunctional immaturity in the observed group increased.

Key words: newborns born to mothers with COVID-19, SARS-CoV-2, COVID-19, birth asphyxia, morphological and functional immaturity, newborns, respiratory syndrome.

Долзарблиги

COVID-19 (SAR-CoV-2 деб номланган янги коронавирус кўзгатган касаллик) ер юзидаги деярли барча давлатларни камраб олди. Бу инфекция жарраённинг аксарият ҳолларда симптомсиз ёки енгил белгилар билан кечиши COVID-19нинг муҳим омили ҳисобланади. Касалликнинг оғир кечуви хавфи аксарият одамлар организмда мавжуд эмас. Катта ёшлилар, нафас, юрак қон томир ва метаболик тизимида бузилишлари бўлганлар ҳамда иммунодефицит ҳолатдаги одамларда касалликнинг оғир кечиш хавфи юқори бўлади [4].

COVID-19 нинг ҳомиладорлик даврида кечиши ҳақида маълумотлар кам бўлсада, яқин кунларгача олимларнинг кузатишлари хулосасига кўра, ҳомиладорликнинг охириги муддатларида ушбу касалликнинг оғир кечуви ва янги туғилган чақалоқ учун хавф омили кам даражада эканлиги айтилган эди [3,11]. Янги туғилган чақалоқларда вирус аниқланиш ҳолатлари ҳам кам учраган [5].

Аввалроқ ҳомиладор аёлларнинг инфекция билан зарарланиш хавфи умумий аҳолига нисбатан юқори эмас деб ҳисобланган бўлса, бугунги кунга келиб Италия, Хитой ва АҚШда чоп этилган бир қатор илмий мақолаларда COVID-19нинг кечиши аҳолининг бошқа қатламлари билан бир хилда эканлиги таъкидланмоқда [5,6,7]. Ҳомиладор аёлларда COVID-19 билан касалланиш кўрсаткичи популяцияга нисбатан кўпроқ кузатилмоқда [9, 10]. Кўп сонли изланишлар COVID-19 билан касалланган ҳомиладорларда ҳомиладорликнинг турли асоратлар билан кечишини кўрсатяпти [7,9,10].

Ҳозирги кунга қадар COVID-19 билан неонатал инфизицирланиш ҳолатлари янги туғилган чақалоқнинг бемор онаси ва бошқа болани парвариш қилувчи шахслар

билан контактда бўлганлиги туфайли кузатиляпти деб ҳисобланган [7,12]. АҚШнинг (CDC, 2020) касалликларни бошқаруви ва профилактикаси маркази томонидан ҳам SARS-CoV-2нинг онадан ҳомилагаюқиш хавфи эҳтимоли жуда паст эканлигини таъкидлаган эди. Аммо илмий изланишлар (100 000 ҳомиладор аёлни ўз ичига олган) натижаси SARS-CoV-2нинг онадан ҳомилага вертикал трансмиссия мумкин эканлигини кўрсатди. COVID-19 позитив ҳолда туғилган чақалоқлар 5,3%ни ташкил этди [8]. SARS-CoV-2 плацентада 12%, киндикда 6%, амнион суюқлигида 5,6%, кўкрак сутида 5,0% вагинал суюқликда 4,6% ҳолларда аниқланган [6]. COVID-19 билан бўлган ҳомиладорларда вақтидан олдин юзага келган туғруқ 4,3-25,0%, преэклампсия – 5,9%, бола ташлаш – 14,5%, ҳомила пардасининг муддатидан олдин ёрилиши – 9,2% ва ҳомиланинг ривожланишдан орқада қолиши – 2,8 - 25,0%ни ташкил қилган [5, 6]. Беморларда энг кўп учраган туғруқдан кейинги асорат туғруқдан кейинги қон кетиш бўлиб, 54,5%ни ташкил этган [6]. Ҳомиладор аёлларнинг ярмидан (48-100%) кўпи кесарча кесиш операцияси орқали фарзандини дунёга келтирган [2,5,6].

Перинотал асоратлар ичида энг кўп ҳомиланинг дисстрес синдроми учраган ва 26,5-30,0%ни ташкил этган. Ундан ташқари туғилгандаги камвазник (25,0%), чақалоқлар асфиксияси (1,4%) ҳолатлари ҳам тез тез кузатилган бўлиб чақалоқларнинг интенсив терапия бўлимларига ётқизирилиши 43%, перинотал ўлим эса 0,35-2,2%ни ташкил этган [6, 9, 10,12].

Ҳозирги кунга қадар олинган маълумотларга (перинотал ўлимнинг ортиши, муддатидан олдинги туғруқлар ва бола

ташланиш ҳолатлари ҳамда COVID-19 туфайли юзага келган преэклампсия ва шошилиш кесар кесил операциялари частотасининг юқорилиги) таянган ҳолда янги коронавирус инфекцияси ҳомиланинг перинотал ривожланишига, ҳомиладорликнинг кечилишига, ҳамда янги туғилган чақалоқнинг аҳолига салбий таъсири мавжуд деб ҳисоблаймиз.

Илмий тадқиқот мақсади: COVID-19 билан касалланган ҳомиладор аёллардан туғилган чақалоқларнинг ҳолатини таҳлил қилиш

Материал ва усуллар

COVID-19 билан касалланган ҳомиладор аёллардан туғилган чақалоқларнинг ҳолатини таҳлил қилиш мақсадида Бухоро вилояти Когон туман тиббиёт бирлашмасига қарашли “COVID госпитали”да COVID-19 билан касалланган ва 2021 йил июль-сентябрь ойларида даволанган ҳомиладор аёллардан туғилган 153 нафар чақалоқлар кузатувга олинди. Ушбу беморларнинг касаллик тарихлари таҳлил қилинди.

Статистик таҳлиллар анъанавий математик вариацион қаторлар ва Т студент усулидан

фойдаланиб амалга оширилди. Маълумотлар Statistica for Windows дастурида таҳлил қилинди.

Натижа ва таҳлиллар

Олинган материалларни ўрганиш ва таҳлил қилиш, ушбу даврда 153 нафар янги туғилган чақалоқ COVID-19 билан зарарланган ондан туғилганлигини кўрсатди. Улардан 5 нафари вафот этган. Неонатал ўлимнинг сабаблари оғир неонатал асфиксия (1), ҳомила ичи инфекцияси (1) ва морфофункционал етилмаганлик (3). 153 нафар тирик туғилган чақалоқларнинг 52 % ўғил болалар ва 48 % қиз болалар ташкил қилди. Кузатилган 153 нафар туғруқдан 43 нафари муддатидан олдинги туғруқлар бўлиб, бу 28 %ни ташкил қилади. Бу кўрсаткич регионнинг ўрта статистик кўрсаткичларидан 4,2 баробар кўп эканлиги аниқланди. Шунинг кўрсатиши керакки, кузатувдаги гуруҳда 108 нафари вақтидаги туғруқлар, 2 нафари муддатидан ўтган туғруқлар ҳисобланади.

Қайд этиш жоизки, “COVID госпитал”да кузатув ўтказилаётган даврда янги туғилган чақалоқларнинг 18 фоизи кам вазнли, 72 фоизи нормал вазнли бўлган.



1 расм COVID-19 билан касалланган оналардан туғилган чақалоқларни Апгар шкаласи бўйича баҳолаш.

Янги туғилган чақалоқларнинг ҳолатини таҳлил қилганда: 86 нафар (56%) янги туғилган чақалоқ асфиксия белгиларисиз, 62 нафар (41%) ўртача оғирликдаги асфиксия билан туғилган, қолган 5 (3%) нафари оғир асфиксия деб баҳоланган. (1- расм)

1 жадвал.

COVID-19 билан касалланган оналардан туғилган чақалоқлар ташҳиси

Ташҳис	Абс.	%
Соғлом чақалоқлар	86	56,2
Туғруқ асфиксияси	14	9,1
Нафас бузилиш синдроми (СДР)	18	11,7
ХИИ- туғма пневмония	4	2,6
Морфофункционал етилмаганлик	26	16,9
Церебрал ишемия	2	1,3
МНС нинг перинотал зарарланиши	3	1,9

Ўрганилган даврда COVID-19 билан касалланган оналардан туғилган янги туғилган чақалоқларнинг ташхиси кўйидагича тақсимланди: 86 нафар (56,2%) янги туғилган чақалоқ соғлом бўлган, 14 нафар (9,1%) туғруқ асфиксияси ташхиси кўйилган, 26 нафар (17%) морфофункционал етилмаганлик, 18 нафар (11,7%) нафас олиш бузилиш ва 4 нафари (2,6%) ХИИ-туғма пневмония, 5 нафари (3,2%) янги туғилган чақалоқларда марказий асаб тизимининг перинатал шикастланиши ташхиси кўйилган. (1-жадвал).

Хулоса

Шундай қилиб, COVID-19 билан касалланган оналардан туғилган чақалоқлар бўйича статистик маълумотларнинг таҳлили шуни кўрсатадики, эрта гестацион муддатларда туғилишлар сони кўпайган, бундан ташқари кузатилаётган гуруҳда туғма асфиксия ва морфофункционал етилмаганлик ташхиси кўйилган янги туғилган чақалоқлар сони ошган.

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