

**COVID-19  
Projects for  
National Bioethics Committee (NBC) Pakistan**

S.#	Date Received	NBC Number	Title	Principal Investigator	Approval Status
1.	24.03.2020	NBC-470 COVIC19-01	An observational study of patients with severe acute respiratory infections (SARI) in the Pakistan Registry of Intensive Care network and a qualitative evaluation to identify barriers and enablers to utilisation of surveillance and reporting of SARI / COVID-19 data in the same network	<b>Prof. Madiha Hashmi</b> HoD, Critical Care Medicine Ziauddin University, Clifton Campus St-4/B, Block 6, Scheme 5, Clifton Karachi.	<b>Approved</b>
2.	30.03.2020	NBC-471 COVID19-02	Use and dosage of hydroxylchloroquine and chloroquine to convert RT-PCR positive SARS-CoV-2 patients to RT-PCR negative as a means to reduce hospitalization rate	<b>Dr. Ammar Sarwar</b> Beth Israel Deaconess Medical Center, Harvard Medical School / Doctors Hospital and Medical Center, Lahore Pakistan 1 Deaconess Rd WCC 308 Boston MA 02215	<b>Approved</b>
3.	28.03.2020	NBC-472 COVID19-03	Passive Immunisation using convalescent plasma of recovered corona virus patients for the treatment of severely affected corona patients during current pandemic draft proposal March 2020	<b>Dr. Tahir Sultan Shamsi</b> National Passive Immunization Committee, National Institute of Blood Diseases and Bone Marrow Transplantation, ST 2/A, KDA Scheme 24, Block-17, Gulshan-e-Iqbal, Karachi.	<b>Approved</b>
4.	10.04.2020	NBC-474 COVID19-04	Investigating the impact of COVID-19 and its response in Pakistan	<b>1. Dr Kamran Siddiqi, University of York, UK</b> <b>2. Dr Amina Khan</b> (Pakistan) Executive Director / Public Health Consultant, The Initiative, Orange Grove Farm, Banigala, Islamabad.	<b>Approved</b>
5.	14.04.2020	NBC-475 COVID19-05	Hydroxychloroquine, Oseltamivir and Azithromycin for the Treatment of COVID-19 Infection: Randomized Controlled Clinical Trial	<b>Professor Dr Javed Akram</b> University of Health Sciences Khayban-e-Jamia Punjab, Lahore, 54000	<b>Approved</b>
6.	14.04.2020	NBC-476 COVID19-06	Preparation of a CCP Collection Program	<b>Dr. Saqib Hussain Ansari</b> Research Institute for Genetics, Blood & Bone marrow Transplant Children's Hospital Karachi	<b>Abandoned</b>

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7.	15.04.2020	NBC-477 COVID19-07	Clinical trial investigation: Immunoglobulin therapy for Passive Immunization of critically ill COVID-19 patients	<b>Dr. Shaukat Ali</b> Dow College of Biotechnology, Dow University of Health Sciences Ojha Campus, KDA Scheme 33, Karachi	<b>Approved</b>
8.	15.04.2020	NBC-478 COVID19-08	An international randomised trial of additional treatments for COVID-19 in hospitalised patients who are all receiving the local standard of care Trial Short Title: SOLIDARITY Public health emergency clinical trial	<b>Dr Aun Raza (Pakistan)</b> Department of Internal Medicine, Shaukat Khanum Memorial Cancer Hospital and Research Centre, 7-A Block R-3 , M.A Johar Town Lahore	<b>Approved</b>
9.	15.04.2020	NBC-479 COVID19-09	Exploring and Understanding the Impacts of COVID-19: A Qualitative Inquiry	<b>Dr. Inayat Ali</b> University of Vienna, Austria. Universitaetsstrasse 7, 1010, Vienna. Austria	<b>Approved</b>
10.	17.04.2020	NBC-480 COVID19-10	Investigating the Impact of COVID-19 and Its Response on People With Severe Mental Illness in South Asia.  Short Title: Impact SMI-COVID 19 survey	<b>Professor Asad Tamizuddin Nizami</b> Institute of Psychiatry, WHO Collaborating Centre for Mental Health and Research. Rawalpindi Medical University, Rawalpindi  <b>Dr Najma Siddiqi &amp; Dr Kamran Siddiqi</b> Department of Health Sciences, Faculty of Science, University of York, UK	<b>Approved</b>
11.	22.04.2020	NBC-481 COVID19-11	Convalescent Plasma treatment in COVID-19 patients: An open label clinical trial at a tertiary care centre in Pakistan	<b>Dr. Muhammad Hasan</b> The Aga Khan University, Hospital The Aga Khan University, P.O. Box. 3500. Stadium Road, Karachi- 74800. Pakistan.	<b>Approved</b>
12.	02.05.2020	NBC-482 COVID19-12	Multi-center, Randomized, Double Blind and Placebo Control Clinical Trial on the Efficacy and Safety of Jinhua Qinggan Granules (JHQG) for the Treatment of COVID-19 Patients.	<b>Dr. M. Raza Shah</b> Center for Bioequivalence Studies and Clinical Research (CBSCR) ICCBS. CBSCR, International Center for Chemical and Biological Sciences (ICCBS), University of Karachi.	<b>Approved</b>

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13.	07.05.2020	NBC-483 COVID19-13	Aspirin, losartan and simvastatin in hospitalised COVID-19 patients: a multinational randomised open-label factorial trial. <b>Short Title:</b> Coronavirus Response - Active Support for Hospitalised COVID-19 patients (CRASH_19)	<b>Prof Rizwana Chaudhri</b> Global Institute of Human Development, Shifa Tameer -e-Millat University.(GIHD-STMU), Global Institute of Human Development, Shifa Tameer-e-Millat University, Gujar Khan Campus, near Rural Health Center Mandra Rawalpindi, Pakistan	<b>Approved</b>
14.	11.05.2020	NBC-484 COVID19-14	A single center prospective randomized control trial to evaluate the efficacy of tocilizumab with and without steroids in COVID-19 pneumonia with features of hyper inflammation	<b>Dr Naveed Rashid</b> Pakistan Kidney and Liver Institute and Research Center Knowledge City, 1, PKLI Avenue, Opposite DHA Phase 6, Sector E, Chota Mota Singh, Lahore.	<b>Approved</b>
15.	12.05.2020	NBC-485 COVID19-15	Sunrise Pilot Study COVID-19	<b>Dr. Ali Turab</b> Precision Health Consultants (PHC) Global H#241, 1 <sup>st</sup> Floor, Near Askari Bank, Bahudrabad No. 3, Karachi	<b>Approved</b>
16.	07.05.2020	NBC-486 COVID19-16	Efficacy of Intravenous Infusions of Stem Cells in the Treatment of COVID-19 Patients.	<b>Prof. Moazzam N. Tarar</b> Jinnah Burn and Reconstructive Surgery Centre (JB&RSC), Allama Iqbal Medical College, Maulana Shaukat Ali Road, 54500 Lahore	<b>Delay from PI End</b>
17.	30.05.2020	NBC-489 COVID19-17	CovidSurg Cancer – Pakistan	<b>Dr. Raza Sayyed</b> Dept of Surgery, Patel Hospital, Karachi	<b>Approved</b>
18.	11.06.2020	NBC-493 COVID19-18	Reducing the Spread of COVID-19 in Slum Populations in Islamabad, Pakistan	<b>Dr. Huma Qureshi</b> Integral Health Delivery Services (IHDS), 2nd Floor, Emirates Tower, F-7 Markaz Islamabad.	<b>Approved</b>
19.	12.06.2020	NBC-494 COVID19-19	CovidSurgCohort Study - Pakistan	<b>Dr. Raza Sayyed</b> Dept of Surgery, Patel Hospital, Karachi	<b>Approved</b>

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20.	17.06.2020	NBC-496 COVID19-20	Development of a diagnostic assay for the detection of SARS CoV2	<b>Dr. Aneela Javed and Dr. Ali Zohaib</b> (NUST), Atta ur Rehman School of Applied Biosciences, H12 Campus, Islamabad Pakistan.	<b>Delay from the PI End</b>
21.	25.06.2020	NBC-500 COVID19-21	Stem Cell Therapy as a lifesaving measure for recovered COVID-19 patients with more than 80% lung damage	<b>Prof Dr. Javed Akram</b> University of Health Sciences, Khayaban-e-Jamia Punjab road, Lahore.	<b>Delay from PI End</b>
22.	25.06.2020	NBC-501 COVID19-22	Isolation, Purification and Enrichment of Intravenous Immunoglobulins from COVID-19 Convalescent Plasma for Passive Immunization	<b>Prof. Fridoon Jawad Ahmad</b> UHS Dept of Physiology, Khayaban-e-Jamia Punjab road, Lahore.	<b>Approved</b>
23.	26.06.2020	NBC-502 COVID19-23	Clinical Evaluation of the Panbio™ COVID-19 Ag Antigen Test in Symptomatic Subjects (CATSS)	<b>Dr Erum Khan</b> AKUH Stadium road Karachi	<b>Approved</b>
24.	27.06.2020	NBC-503 COVID19-24	Collection of convalescent plasma and treatment of COVID -19 patients with Convalascent plasma (passive immunization)	<b>Dr Saqib Hussain Ansari</b> Children`s Hospital Street 2/2 Block # 5- Gulshan -e -Iqbal .Karachi.	<b>Delay From PI End</b>
25.	27.06.2020	NBC-504 COVID19-25	Impact of COVID-19 pandemic on dentists in Pakistan	<b>Professor Guglielmo Campus</b> Department of Surgery, Microsurgery and Medicine Sciences, School of Dentistry, University of Sassari, Italy WHO Collaborating Centre for Epidemiology and Community Dentistry, University of Milan, Italy	<b>Approved</b>
26.	30.06.2020	NBC-505 COVID19-26	Randomize, Double-Blinded, Placebo Controlled, Phase-I Clinical Trial to Evaluate the Safety and Immunogenicity of Inactivated SARS-CoV-2 Vaccine in Health Population Aged 18 years old and above.	<b>Prof. Dr. M. Iqbal Choudhary</b> International Centre for Chemical and Biological Sciences (HEJ Research Institute of Chemistry, Dr. Panjwani Center for Molecular Medicine and Drug Research, University of Karachi Karachi – 75270	<b>Approved</b>
27.	30.06.2020	NBC-506 COVID19-27	Family and Community in the time of COVID-19	<b>Ayesha Khan</b> Collective for Social Science Research 173-I, Block 2, PECHS, Karachi 75400	<b>Approved</b>

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28.	07.07.2020	NBC-507 COVID19-28	Chloroquine/ Hydroxychloroquine Prevention of Coronavirus Disease (Covid-19) In the Healthcare Setting; A Randomised, Placebo-Controlled Prophylaxis Study (Copcov)	<b>Dr. M. Asim Beg</b> The Aga Khan University, Hospital The Aga Khan University, P.O. Box. 3500. Stadium Road, Karachi- 74800. Pakistan.	<b>Approved</b>
29.	09.07.2020	NBC-508 COVID19-29	Pakistan: Resilience for health and nutrition services in disaster-prone settings	<b>Dr. Shehla Zaidi</b> Department of Community Health Sciences (CHS), Aga Khan University Hospital, National Stadium Road, Karachi.	<b>Approved</b>
30.	13.07.2020	NBC-510 COVID19-30	International Registry of Healthcare Workers Exposed to COVID-19 Patients (UNITY Global)	<b>Dr. Zainab Samad</b> AKU stadium road, P.O box 3500 Karachi	<b>Approved</b>
31.	13.07.2020	NBC-511 COVID19-31	CLIC - Coping with Loneliness, Isolation and Covid-19- an online survey	<b>Dr. Nasim Chaudhry</b> Pakistan Institute of Living & Learning suite #201,2nd floor Dr Plaza near Do Talwar Clifton. Karachi	<b>Approved</b>
32.	23.07.2020	NBC-517 COVID19-32	Feasibility Study of Tele health Parent Training for Reducing the Disruptive Behaviors of Children with Autism Spectrum Disorder in Pakistan	<b>Dr. Nadia Shafique &amp; Prof. Nasim Chaudhry</b> Foundation University Islamabad Campus and Pakistan Institute of Living and Learning Foundation University Islamabad Rawalpindi Campus	<b>Approved</b>
33.	27.07.2020	NBC-518 COVID19-33	The use and perception of Electronic Nicotine Delivery Systems (ENDS) in Pakistan (and the impact of COVID-19 on use): A qualitative exploratory study.	<b>Dr Kamran Siddiqi(UK), Dr Amina Khan(Pak PI)</b> The Initiative, Islamabad, Pakistan The Initiative, Orange Grove Farm, Main Korung Road, Banigala, Islamabad.	<b>Approved</b>
34.	28.07.2020	NBC-519 COVID19-34	Open Labeled Single Center Randomised Control Triple Arm Study to Assess the Safety and Efficacy of Iodine Complex (Renesssans) in Symptomatic COVID-19 Patients with Mild / Moderate Disease.	<b>Prof. Ghias un Nabi Tayyab</b> Medical Unit-1, Postgraduate Medical Institute Lahore General Hospital, Lahore.	<b>Approved</b>

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35.	30.07.2020	NBC-521 COVID19-35	Phase III, Double-blind, Placebo-controlled, Randomized Clinical Trial of Recombinant Novel Coronavirus Vaccine (Adenovirus Type 5 Vector.	<b>Maj. Gen. Prof. Dr. Aamer Ikram SI(M)</b> National Institute of Health, Park Road, Chak Shahzad, Islamabad	<b>Approved</b>
36.	03.08.2020	NBC-524 COVID19-36	GlobalSurg-CovidSurg Week: Determining the optimal timing for surgery following SARS-CoV-2 infection	<b>Dr. Raza Sayyed</b> Department of Surgery, Patel Hospital Karachi Pakistan	<b>Approved</b>
37.	04.08.2020	NBC-525 COVID19-37	Covid-19: Harnessing AMANHI Infrastructure To Assess The Direct Impact On Maternal, Newborn And Child Health (*AMANHI: Alliance for Maternal and Newborn Health Improvement)	<b>Dr. Fyezah Jehan</b> AKU, National stadium road, Karachi	<b>Approved</b>
38.	10.08.2020	NBC-526 COVID19-38	Oseltamivir Phosphate (OP) Combined with Aspirin (ASA) in Patients with COVID 19 infection and exhibiting signs of impending respiratory failure	<b>Prof Dr Muhammad Umer</b> Rawalpindi Medical University New Teaching Block, Holy Family Road, Rawalpindi,	<b>Approved</b>
39.	18.08.2020	NBC-528 COVID19-39	Exploring the Risk factors for severity in COVID-19 patients in Pakistan	<b>Dr Muhammad Sohail Afzal</b> Department of Life Sciences, University of Management and Technology, Johar Town, Lahore	<b>Approved</b>
40.	18.08.2020	NBC-529 COVID19-40	A randomized, controlled, Phase I b/2 study to evaluate safety and immunogenicity Of Covax 19, a candidate adjuvanted recombinant protein SARS-Cov-2 vaccine in Pakistan	<b>Prof. Javed Akram</b> University of Health Sciences, Lahore	<b>Delay From PI End</b>
41.	20.08.2020	NBC-530 COVID19-41	Psychological impact and associated factors of COVID-19 pandemic on healthcare professionals in Pakistan.	<b>Rida Ulfat Faiza Syed</b>	<b>Withdraw</b>
42.	21.08.2020	NBC-529 COVID19-42	INTERCOVID: A prospective cohort study of the effects of COVID-19 in pregnancy and the neonatal period A prospective cohort study of the effects of COVID-19 in pregnancy and the neonatal period	<b>Dr Shabina Ariff</b> Department of Pediatrics & Child Health, AKU, Karachi.	<b>Approved</b>

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43.	26.08-2020	NBC-534 COVID19-43	Randomized, Embedded, Multifactorial Adaptive Platform trial for Community-Acquired Pneumonia including COVID 19 (REMAP CAP+Pandemic)	<b>Dr Madiha Hashmi</b> South East Asian Research & Education in Critical care Health (SEARCH) 199-E, St No.6, Cavalry Grounds Lahore Cantt.	<b>Approved</b>
44.	26.08-2020	NBC-535 COVID19-44	Perceived coercion and psychological wellbeing during the Covid19 pandemic in Pakistan: The covid19 wellbeing study protocol	<b>Professor Nasim Chaudhry</b> Pakistan Institute of Living and Learning (PILL) Suite No. 201, 2nd Floor, The Plaza, Do-Talwar, Khayaban-e-Iqbal, Clifton Karachi	<b>Approved</b>
45.	07-09-2020	NBC-538 COVID19-45	COVID-19: psychosocial and mental health needs of health workers during the outbreak management in Pakistan.	<b>Waqas Hameed</b> Department of Community Health Sciences, Aga Khan University Hospital, Stadium Road, P. O. Box 3500 Karachi	<b>Approved</b>
46.	11.09.2020	NBC-540 COVID19-46	COVID-19 transmission dynamics in Karachi, Pakistan	<b>Dr. Muhammad Imran Nisar</b> Pediatrics & Child Health, Aga Khan University	<b>Approved</b>
47.	21-09-2020	NBC-543 COVID-47	Effects of Quarantine on Degree of Emotional Distress during the COVID-19 Outbreak in Pakistan	<b>Prof Nasim Chaudhry</b> Pakistan Institute of Living and Learning Suite No. 201, 2nd Floor, The Plaza, Do-Talwar, Khayaban-e-Iqbal, Clifton Karachi	<b>Approved</b>
48.	23-09-2020	NBC-547 COVID-48	Immune parameter analyses in COVID-19 patients with mild, moderate and severe disease	<b>Dr. Najeeha Talat Iqbal</b> The Aga Khan University, P.O. Box. 3500. Stadium Road, Karachi- 74800. Pakistan.	<b>Approved</b>
49.	25-09-2020	NBC-548 COVID-49	A randomized open-blind controlled trial to study the adjuvant benefits of Quercetin Phytosome in Patients with COVID-19	<b>Prof. Dr. Ikram Din Ujjan</b> Liaquat University of Medical and Health Sciences Jamshoro, Sindh	<b>Approved</b>
50.	25-09-2020	NBC-549 COVID-50	Evaluation of Vitamin D as a magic bullet to regulate renin-angiotensinaldosteron (RAS) system responsible for cytokine storming and acute lung injury in severe covid-19 patients	<b>Professor Dr. Javed Akram</b> University of Health Sciences, Plot 49, Khayaban-e-Jamia Punjab Lahore	<b>Approved</b>

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51.	08-10-2020	NBC-552 COVID-51	Qualitative study on maintaining essential health care services in light of COVID-19 Pakistan 2020	<b>Ayesha Leghari</b> Population Services International (PSI) House # C5, Block 4 Oppo to Chinese Consulate, Clifton Karachi	<b>Approved</b>
52.	08-10-2020	NBC-553 COVID-52	The Impact of Mental Health And Socio-Economic Issues On Health Care Professionals Innovation Behaviour during Covid19: The Moderating Role Of Government Support	<b>Dr. Hina Javed</b> UHS, Lahore	<b>Approved</b>
53.	10-11-2020	NBC-563 COVID-53	Pediatric Acute and Critical Care COVID-19 Registry of Asia (PACCOVRA study)	<b>Dr. Qalab Abbas</b> Pediatrics and Child Health AKU Stadium Road Karachi.	<b>Approved</b>
54.	12-11-2020	NBC-564 COVID-54	A systematic analysis of clinical features, complications and sequelae of Multisystem Inflammatory Syndrome in Children (MIS-C) associated with COVID-19 among children 0 – 19 years of age.	<b>Dr. Qalab Abbas</b> Pediatrics and Child Health AKU Stadium Road Karachi.	<b>Approved</b>
55.	13-11-2020	NBC-566 COVID-55	Severe SARS-CoV2 related disease in low- and middle-income country children aged 0-19 years: a multi country observational study in a network of hospitals	<b>Dr. Qalab Abbas</b> Pediatrics and Child Health AKU Karachi.	<b>Approved</b>
56.	24-12-2020	NBC-583 COVID-56	Anti-Corona virus Therapies to prevent COVID-19 progression trial	<b>Dr. Khawar Kazmi</b> The Aga Khan University Hospital, Stadium road Karachi- 74800, Pakistan	<b>Approved</b>
57.	24-12-2020	NBC-584 COVID-57	A Phase III Randomized, Double-blind, Placebo-controlled Clinical Trial in 18 Years of Age and Above to Determine the Safety and Efficacy of ZF2001, a Recombinant Novel Corona virus Vaccine (CHO cell) for Prevention of COVID-19	<b>Prof. Waheed Uz Zaman Tariq</b> Chughtais Lab, 7 Jail Road, Main Gulberg, Lahore, Punjab, Pakistan	<b>Approved</b>
58.	28-12-2020	NBC-585 COVID-58	A Multicenter, Seamless, Randomized, Third-Party-Blind, Clinical Trial to Evaluate the Safety and Efficacy of Meplazumab in Addition to Standard of Care for the Treatment of COVID-19 in Hospitalized Adults	<b>Dr. Nosheen Nasir</b> The Aga Khan University and Hospital, Karachi	<b>Approved</b>



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59.	18-01-2021	NBC-594 COVID-59	Impact of Covid-19 Pandemic on People with Severe Mental Health Illness and on Mental Health Service Provision in South Asia (IMPASS)	<b>Dr. Asad Tamizuddin Nizami</b> Institute of Psychiatry, WHO Collaborating Centre for Mental Health and Research. Rawalpindi Medical University, Rawalpindi <b>Dr. Najma Siddiqi</b> Department of Health Sciences, Faculty of Science, University of York, UK <b>Dr. Rumana Haque</b> Department of Health Sciences, University of York, UK	<b>Approved</b>
60.	28-01-2021	NBC-597 COVID-60	PhaseII/III Clinical trial investigation: C-IVIG therapy for treatment of severe COVID-19 patients	<b>Dr. Shaukat Ali</b> Dow College of Biotechnology, Dow University of Health Sciences Ojha Campus, KDA Scheme 33, Karachi	<b>Approved</b>
61.	01-02-2021	NBC-600 COVID-61	Developing a Policy Statement and Recommendations for Pakistan's Ethics Review Framework and IRBs in Support of Public Health Emergency Preparedness and Response	<b>Farah Asif</b> Clinical Research Office, SKMCH, Lahore <b>Iqra Masood</b> Research officer, Secretary to IRB, SKMCH, Lahore	<b>Approved</b>
62.	02-02-2021	NBC-601 COVID-62	A prospective cohort study investigating maternal, pregnancy and neonatal outcomes for women and neonates infected with SARS-CoV-2 in Pakistan	<b>Dr. Sarah Saleem</b> Aga Khan University Karachi, Pakistan	<b>Approved</b>
63.	12-02-2021	NBC-604 COVID-65	Role of Health based interventions including social media to improve childhood immunization coverage during COVID 19 pandemic in Pakistan: Qualitative Study	<b>Dr. Abdul Momin Kazi</b> Department of Paediatrics and Child Health, Aga Khan University, Karachi Pakistan	<b>Approved</b>
64.	12-02-2021	NBC-605 COVID-63	Exemption: SARS - CoV-2 Sewage Surveillance in Pakistan	<b>Imran Nisar</b> Dept of Paeds and Child Heath, Aga Khan University, Karachi	<b>Approved</b>
65.	15-02-2021	NBC-606 COVID-64	Investigating Vertical Transmission And Neonatal Early-Onset Infection With Sars-Cov-2 In Neonates Born To Covid-19 Positive Mothers In Pakistan	<b>Dr. M. Rashid</b> National Institute of Virology (NIV), International Center for Chemical and Biological Sciences (ICCBS) University of Karachi.	<b>Approved</b>

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66.	26-02-2021	NBC-612 COVID-66	COVID 19 Patients Admitted with Pneumonia treated with Sirolimus (CAPS)	<b>Brig. Sohail Sabir</b> President Secretariat Islamabad., National Institute of health, Islamabad. Rawalpindi Institute of Urology COVID Hospital, Rawalpindi.	<b>Approved</b>
67.	26-02-2021	NBC-611 COVID-67	COVID-19 Innovation and Research Project (CIRP)	<b>Saleem Sayani</b> Director Aga Khan Development Network Digital Health Resource Centre (Asia and Africa) Stadium Road, P.O.Box 3500, Karachi, Pakistan	<b>Approved</b>
68.	09-03-2021	NBC-615 COVID 68	Maternal Newborn Health Registry (MNH) _ COVID-19 prevalence during pregnancy and pregnancy outcomes in 8 low and middle - income sites: A Global Network Study	<b>Dr. Sarah Saleem</b> Aga Khan University Karachi, Pakistan, Stadium Road, P.O. Box 3400, Karachi- 74800	<b>Approved</b>
69.	29-03-2021	NBC-619 COVID-69	Health and Wellbeing during COVID-19 Pandemic - A Nationwide Survey	<b>Prof Nasim Chaudhry</b> Pakistan Institute of Living & Learning (PILL) Suite No. 201, 2nd Floor, The Plaza, Karachi	<b>Approved</b>
70.	12.04.2021	NBC-627 COVID-70	Willingness to vaccinate against COVID-19 in the adult population of Pakistan	<b>Dr Tehniat Faraz Ahmed</b> Dow University of Health Sciences, Gulzar-e-Hijri Scheme- 33, Suparco Road, Karachi	<b>Approved</b>
71.	13.04.2021	NBC-629 COVID-71	Human small intestinal organoids model of SARS-CoV-2 replication	<b>Dr.Junaid Iqbal</b> Assistant Prof. Departmenr of Pediatric and Child Health, Aga Khan University, Stadium Road, Karachi	<b>Approved</b>
72.	19-04-2021	NBC-631 COVID-72	Association of human genetic variability with resistance, susceptibility and prognosis of COVID-19 in Khyber Pakhtunkhwa, Pakistan.	<b>Dr. Yasar Yousafzai</b> Khyber Medical University Main Campus Phase V Hayatabad, Peshawar 25000, Pakistan	<b>Approved</b>

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73.	26-04-2021	NBC-634 COVID-73	A Global, Multi-center, Randomized, Double-Blind, Placebo-controlled, Phase III Clinical Study to Evaluate the Protective Efficacy, Safety and Immunogenicity of SARS-CoV-2 Messenger Ribonucleic Acid (mRNA) Vaccine in Population Aged 18 Years and Older Short Title: A Global Phase III Study of a SARS-CoV-2 mRNA Vaccine in Population Aged 18 Years and Older	<b>Dr. Faisal Mahmood</b> The Aga Khan University Hospital, Aga Khan University, Stadium Road, Karachi-74800.	<b>Not Allowed</b>
74.	26-04-2021	NBC-635 COVID-74	A multi-national, randomized, double-blind, placebo-controlled phase III clinical study to evaluate the efficacy, safety and immunogenicity of SARS-CoV-2 Vaccine (Vero Cells), Inactivated for the prevention of COVID-19 in healthy adults aged 18years and older	<b>Prof. Javed Akram</b> University of Health Sciences Sciences, Khayaban-e-Jamia Punjab, Block D Muslim Town, Lahore, 54600, Pakistan	<b>Not Allowed</b>
75.	30-04-2021	NBC-638 COVID-75	A global multicenter, randomized, double-blind, placebo-controlled, phase III clinical trial to evaluate the efficacy, safety, and immunogenicity of recombinant COVID-19 vaccine (Sf9 cells), for the prevention of COVID-19 in adults aged 18 years and older	<b>Dr. Ejaz Ahmed Khan</b> Shifa International Hospital, 4 Pitras Bukhari Road, H-8, Islamabad, Islamabad Capital Territory, Pakistan.	<b>Not Allowed</b>
76.	02-05-2021	NBC-639 COVID-76	Knowledge, Attitude, Practice towards COVID-19 infection of Afghan Refugees living in city of Lahore Pakistan	<b>Dr. Farkhanda Ghafoor</b> Shalamar Medical and Dental College, Shalimar Link Road, Mughalpura, Lahore.	<b>Approved</b>
77.	17-05-2021	NBC-640 COVID-77	Collaborative transplant study Pre- and Post-transplant Covid-19 serum studies – Antibody formation against the transplant after SARS-CoV-2	<b>Prof. Mirza Naqi Zafar</b> Department of Pathology SIUT, Karachi	<b>Approved</b>
78.	25-05-2021	NBC-642 COVID-78	Mental Health and Wellbeing in Pakistan: Adult Psychiatric Morbidity Survey (APMS) 2021 (aged 16 and over, living in private households)	<b>Prof Nusrat Husain</b> Oxford Rd, Manchester M13 9PL, UK/ <b>Prof. Nasim Chaudhry</b> (PK) Pakistan Institute of Living and Learning (PILL) Suite No. 201, 2nd Floor, The Plaza, Karachi	<b>Approved</b>
79.	18-05-2021	NBC-643 COVID-79	A Global, Multi-center, Randomized, Double-Blind, Placebo-Controlled, Phase III Clinical Study to Evaluate the Protective Efficacy, Safety and	<b>Dr. Faisal Mahmood</b> Aga Khan University Hospital, Stadium Road, P.O. Box 3500, Karachi 74800,	<b>Approved</b>

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S.#	Date Received	NBC Number	Title	Principal Investigator	Approval Status
			Immunogenicity of Recombinant SARS-CoV-2 Fusion Protein Vaccine (V-01) in Adults Aged 18 Years and Older	Pakistan	
80.	21-05-2021	NBC-644 COVID-80	Implementation of standardized bioinformatics practices, pipelines, and data structures in SARS-CoV-2 sequencing laboratories in LMICs	<b>Dr. Waqasuddin Khan</b> Dept Pediatrics and Child Health, Aga Khan University, Karachi	<b>Approved</b>
81.	01-06-2021	NBC-647 COVID-81	A parallel-group, Phase III, multi-stage, modified double-blind, multi-armed study to assess the efficacy, safety, and immunogenicity of two SARS-CoV-2 Adjuvanted Recombinant Protein Vaccines (monovalent and bivalent) for prevention against COVID-19 in adults 18 years of age and older.	<b>Dr Syed Faisal Mahmood</b> The Aga Khan University Hospital (AKUH), National Stadium Rd, Karachi.	<b>Not Allowed</b>
82.	02-06-2021	NBC-648 COVID-82	A randomized double-blinded controlled clinical trial of DWJ1248 in prevention of COVID-19 infection after the exposure of SARS-COV-2	<b>Prof. Javed Akram</b> University of Health Sciences Sciences, Khayaban-e-Jamia Punjab, Block D Muslim Town, Lahore, 54600, Pakistan	<b>Approved</b>
83.	07-06-2021	NBC-652 COVID-83	Epidemiology of COVID-19 infection in patients with hematological malignancies: A European Haematology Association Survey	<b>Dr. Summiya Nizamuddin</b> Shaikat Khanum Memorial Cancer Hospital and Research Centre (SKMCH&RC), 7A, Block R3, Johar town, Lahore.	<b>Approved</b>
84.	07-06-2021	NBC-653 COVID-84	A Randomized, Double-Blinded, Placebo Controlled Phase III Clinical Trial of SARS-CoV-2Vaccine, Inactivated (Vero Cell) in Adults Aged 18 Years and Above.	<b>Prof. Dr. Muhammad Raza Shah</b> Center for Bioequivalence Studies and Clinical Research (CBSCR), International Center for Chemical and Biological Sciences (ICCBS), University of Karachi, 75270, Karachi, Pakistan	<b>Not Allowed</b>
85.	09-06-2021	NBC-655 COVID-85	A multicenter, randomized, double-blinded, placebo-controlled study to assess safety and efficacy of SIR1-365 in patients with severe COVID-19	<b>Dr. Iffat Khanum</b> Department of Medicine, The Aga Khan University, P.O. Box.3500, Stadium Road, Karach-74800, Karachi.	<b>Approved</b>
86.	29.06-2021	NBC-664 COVID-89	COVID-19 Vaccine Effectiveness among Healthcare Workers and Adult Population in Pakistan: A Test Negative Case Control Study	<b>Dr Imran Nisar</b> Aga Khan University Hospital National Stadium Rd, Aga Khan University Hospital, Karachi, Sindh 74800	<b>Approved</b>

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<b>S.#</b>	<b>Date Received</b>	<b>NBC Number</b>	<b>Title</b>	<b>Principal Investigator</b>	<b>Approval Status</b>
87.	09.07.2021	NBC-672 COVID-90	Randomised Evaluation of COVID-19 Therapy (RECOVERY) in Pakistan.	<b>Prof. Dr. Madiha Hashmi</b> South East Asian Research & Education in Critical care Health (SEARCH)	<b>Approved</b>
88.	16.08.2021	NBC-681 COVID-91	Sunrise COVID-19 Parent Stress Study	<b>Syed Mohammad Ali Turab</b> Precision Health Consultants Global Office no. 1317, 13th floor, high Q tower, Jail road, Lahore	<b>Approved</b>
89.	24.08.2021	NBC-683 COVID-92	COVID-19, Burial Site Surveillance to Measure Excess Mortality- Pakistan	<b>Dr. Abdul Momin Kazi</b> Department of Paediatrics and Child Health, Aga Khan University, Karachi Pakistan	<b>Approved</b>
90.	02.09.2021	NBC-687 COVID-93	An international randomized trial of additional treatments for COVID-19 in hospitalized patients who are all receiving the local standard of care (Trial Acronym: SOLIDARITY TRIAL PLUS)	<b>Dr. Aun Raza</b> (infectious diseases physician) Department of Internal Medicine, Shaukat Khanum Memorial Cancer Hospital and Research Centre, 7-A Block R-3 , M.A Johar Town Lahore , Pakistan	<b>Approved</b>
91.	23.09.2021	NBC-702 COVID-94	Phase 1, Open-label, Two-Cohort Study of Orally Administered PAX-1 in Patientswith Moderate COVID-19	<b>Prof. Dr. Maj. Gen Aamir Ikram</b> National Institutes of Health, (Isolation Hospital and Infectious Treatment Centre - IHITC), Islamabad.	<b>Under Process</b>