

**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	Prof. Madiha Hashmi HoD, Critical Care Medicine Ziauddin University, Clifton Campus St-4/B, Block 6, Scheme 5, Clifton Karachi.	Approved
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	Dr. Ammar Sarwar Beth Israel Deaconess Medical Center, Harvard Medical School / Doctors Hospital and Medical Center, Lahore Pakistan 1 Deaconess Rd WCC 308 Boston MA 02215	Approved
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	Dr. Tahir Sultan Shamsi 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.	Approved
4.	10.04.2020	NBC-474 COVID19-04	Investigating the impact of COVID-19 and its response in Pakistan	1. Dr Kamran Siddiqi, University of York, UK 2. Dr Amina Khan (Pakistan) Executive Director / Public Health Consultant, The Initiative, Orange Grove Farm, Banigala, Islamabad.	Approved
5.	14.04.2020	NBC-475 COVID19-05	Hydroxychloroquine, Oseltamivir and Azithromycin for the Treatment of COVID-19 Infection: Randomized Controlled Clinical Trial	Professor Dr Javed Akram University of Health Sciences Khayban-e-Jamia Punjab, Lahore, 54000	Approved
6.	14.04.2020	NBC-476 COVID19-06	Preparation of a CCP Collection Program	Dr. Saqib Hussain Ansari Research Institute for Genetics, Blood & Bone marrow Transplant Children's Hospital Karachi	Abandoned

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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	Dr. Shaukat Ali Dow College of Biotechnology, Dow University of Health Sciences Ojha Campus, KDA Scheme 33, Karachi	Approved
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	Dr Aun Raza (Pakistan) Department of Internal Medicine, Shaukat Khanum Memorial Cancer Hospital and Research Centre, 7-A Block R-3 , M.A Johar Town Lahore	Approved
9.	15.04.2020	NBC-479 COVID19-09	Exploring and Understanding the Impacts of COVID-19: A Qualitative Inquiry	Dr. Inayat Ali University of Vienna, Austria. Universitaetsstrasse 7, 1010, Vienna. Austria	Approved
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	Professor Asad Tamizuddin Nizami Institute of Psychiatry, WHO Collaborating Centre for Mental Health and Research. Rawalpindi Medical University, Rawalpindi Dr Najma Siddiqi & Dr Kamran Siddiqi Department of Health Sciences, Faculty of Science, University of York, UK	Approved
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	Dr. Muhammad Hasan The Aga Khan University, Hospital The Aga Khan University, P.O. Box. 3500. Stadium Road, Karachi- 74800. Pakistan.	Approved
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.	Dr. M. Raza Shah Center for Bioequivalence Studies and Clinical Research (CBSCR) ICCBS. CBSCR, International Center for Chemical and Biological Sciences (ICCBS), University of Karachi.	Approved

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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. Short Title: Coronavirus Response - Active Support for Hospitalised COVID-19 patients (CRASH_19)	Prof Rizwana Chaudhri 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	Approved
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	Dr Naveed Rashid Pakistan Kidney and Liver Institute and Research Center Knowledge City, 1, PKLI Avenue, Opposite DHA Phase 6, Sector E, Chota Mota Singh, Lahore.	Approved
15.	12.05.2020	NBC-485 COVID19-15	Sunrise Pilot Study COVID-19	Dr. Ali Turab Precision Health Consultants (PHC) Global H#241, 1 st Floor, Near Askari Bank, Bahudrabad No. 3, Karachi	Approved
16.	07.05.2020	NBC-486 COVID19-16	Efficacy of Intravenous Infusions of Stem Cells in the Treatment of COVID-19 Patients.	Prof. Moazzam N. Tarar Jinnah Burn and Reconstructive Surgery Centre (JB&RSC), Allama Iqbal Medical College, Maulana Shaukat Ali Road, 54500 Lahore	Delay from PI End
17.	30.05.2020	NBC-489 COVID19-17	CovidSurg Cancer – Pakistan	Dr. Raza Sayyed Dept of Surgery, Patel Hospital, Karachi	Approved
18.	11.06.2020	NBC-493 COVID19-18	Reducing the Spread of COVID-19 in Slum Populations in Islamabad, Pakistan	Dr. Huma Qureshi Integral Health Delivery Services (IHDS), 2nd Floor, Emirates Tower, F-7 Markaz Islamabad.	Approved
19.	12.06.2020	NBC-494 COVID19-19	CovidSurgCohort Study - Pakistan	Dr. Raza Sayyed Dept of Surgery, Patel Hospital, Karachi	Approved

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20.	17.06.2020	NBC-496 COVID19-20	Development of a diagnostic assay for the detection of SARS CoV2	Dr. Aneela Javed and Dr. Ali Zohaib (NUST), Atta ur Rehman School of Applied Biosciences, H12 Campus, Islamabad Pakistan.	Delay from the PI End
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	Prof Dr. Javed Akram University of Health Sciences, Khayaban-e-Jamia Punjab road, Lahore.	Delay from PI End
22.	25.06.2020	NBC-501 COVID19-22	Isolation, Purification and Enrichment of Intravenous Immunoglobulins from COVID-19 Convalescent Plasma for Passive Immunization	Prof. Fridoon Jawad Ahmad UHS Dept of Physiology, Khayaban-e-Jamia Punjab road, Lahore.	Approved
23.	26.06.2020	NBC-502 COVID19-23	Clinical Evaluation of the Panbio™ COVID-19 Ag Antigen Test in Symptomatic Subjects (CATSS)	Dr Erum Khan AKUH Stadium road Karachi	Approved
24.	27.06.2020	NBC-503 COVID19-24	Collection of convalescent plasma and treatment of COVID -19 patients with Convalascent plasma (passive immunization)	Dr Saqib Hussain Ansari Children`s Hospital Street 2/2 Block # 5- Gulshan -e -Iqbal .Karachi.	Delay From PI End
25.	27.06.2020	NBC-504 COVID19-25	Impact of COVID-19 pandemic on dentists in Pakistan	Professor Guglielmo Campus 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	Approved
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.	Prof. Dr. M. Iqbal Choudhary 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	Approved
27.	30.06.2020	NBC-506 COVID19-27	Family and Community in the time of COVID-19	Ayesha Khan Collective for Social Science Research 173-I, Block 2, PECHS, Karachi 75400	Approved

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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)	Dr. M. Asim Beg The Aga Khan University, Hospital The Aga Khan University, P.O. Box. 3500. Stadium Road, Karachi- 74800. Pakistan.	Approved
29.	09.07.2020	NBC-508 COVID19-29	Pakistan: Resilience for health and nutrition services in disaster-prone settings	Dr. Shehla Zaidi Department of Community Health Sciences (CHS), Aga Khan University Hospital, National Stadium Road, Karachi.	Approved
30.	13.07.2020	NBC-510 COVID19-30	International Registry of Healthcare Workers Exposed to COVID-19 Patients (UNITY Global)	Dr. Zainab Samad AKU stadium road, P.O box 3500 Karachi	Approved
31.	13.07.2020	NBC-511 COVID19-31	CLIC - Coping with Loneliness, Isolation and Covid-19- an online survey	Dr. Nasim Chaudhry Pakistan Institute of Living & Learning suite #201,2nd floor Dr Plaza near Do Talwar Clifton. Karachi	Approved
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	Dr. Nadia Shafique & Prof. Nasim Chaudhry Foundation University Islamabad Campus and Pakistan Institute of Living and Learning Foundation University Islamabad Rawalpindi Campus	Approved
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.	Dr Kamran Siddiqi(UK), Dr Amina Khan(Pak PI) The Initiative, Islamabad, Pakistan The Initiative, Orange Grove Farm, Main Korung Road, Banigala, Islamabad.	Approved
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.	Prof. Ghias un Nabi Tayyab Medical Unit-1, Postgraduate Medical Institute Lahore General Hospital, Lahore.	Approved

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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.	Maj. Gen. Prof. Dr. Aamer Ikram SI(M) National Institute of Health, Park Road, Chak Shahzad, Islamabad	Approved
36.	03.08.2020	NBC-524 COVID19-36	GlobalSurg-CovidSurg Week: Determining the optimal timing for surgery following SARS-CoV-2 infection	Dr. Raza Sayyed Department of Surgery, Patel Hospital Karachi Pakistan	Approved
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)	Dr. Fyezah Jehan AKU, National stadium road, Karachi	Approved
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	Prof Dr Muhammad Umer Rawalpindi Medical University New Teaching Block, Holy Family Road, Rawalpindi,	Approved
39.	18.08.2020	NBC-528 COVID19-39	Exploring the Risk factors for severity in COVID-19 patients in Pakistan	Dr Muhammad Sohail Afzal Department of Life Sciences, University of Management and Technology, Johar Town, Lahore	Approved
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	Prof. Javed Akram University of Health Sciences, Lahore	Delay From PI End
41.	20.08.2020	NBC-530 COVID19-41	Psychological impact and associated factors of COVID-19 pandemic on healthcare professionals in Pakistan.	Rida Ulfat Faiza Syed	Withdraw
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	Dr Shabina Ariff Department of Pediatrics & Child Health, AKU, Karachi.	Approved

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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)	Dr Madiha Hashmi South East Asian Research & Education in Critical care Health (SEARCH) 199-E, St No.6, Cavalry Grounds Lahore Cantt.	Approved
44.	26.08-2020	NBC-535 COVID19-44	Perceived coercion and psychological wellbeing during the Covid19 pandemic in Pakistan: The covid19 wellbeing study protocol	Professor Nasim Chaudhry Pakistan Institute of Living and Learning (PILL) Suite No. 201, 2nd Floor, The Plaza, Do-Talwar, Khayaban-e-Iqbal, Clifton Karachi	Approved
45.	07-09-2020	NBC-538 COVID19-45	COVID-19: psychosocial and mental health needs of health workers during the outbreak management in Pakistan.	Waqas Hameed Department of Community Health Sciences, Aga Khan University Hospital, Stadium Road, P. O. Box 3500 Karachi	Approved
46.	11.09.2020	NBC-540 COVID19-46	COVID-19 transmission dynamics in Karachi, Pakistan	Dr. Muhammad Imran Nisar Pediatrics & Child Health, Aga Khan University	Approved
47.	21-09-2020	NBC-543 COVID-47	Effects of Quarantine on Degree of Emotional Distress during the COVID-19 Outbreak in Pakistan	Prof Nasim Chaudhry Pakistan Institute of Living and Learning Suite No. 201, 2nd Floor, The Plaza, Do-Talwar, Khayaban-e-Iqbal, Clifton Karachi	Approved
48.	23-09-2020	NBC-547 COVID-48	Immune parameter analyses in COVID-19 patients with mild, moderate and severe disease	Dr. Najeeha Talat Iqbal The Aga Khan University, P.O. Box. 3500. Stadium Road, Karachi- 74800. Pakistan.	Approved
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	Prof. Dr. Ikram Din Ujjan Liaquat University of Medical and Health Sciences Jamshoro, Sindh	Approved
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	Professor Dr. Javed Akram University of Health Sciences, Plot 49, Khayaban-e-Jamia Punjab Lahore	Approved

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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	Ayesha Leghari Population Services International (PSI) House # C5, Block 4 Oppo to Chinese Consulate, Clifton Karachi	Approved
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	Dr. Hina Javed UHS, Lahore	Approved
53.	10-11-2020	NBC-563 COVID-53	Pediatric Acute and Critical Care COVID-19 Registry of Asia (PACCOVRA study)	Dr. Qalab Abbas Pediatrics and Child Health AKU Stadium Road Karachi.	Approved
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.	Dr. Qalab Abbas Pediatrics and Child Health AKU Stadium Road Karachi.	Approved
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	Dr. Qalab Abbas Pediatrics and Child Health AKU Karachi.	Approved
56.	24-12-2020	NBC-583 COVID-56	Anti-Corona virus Therapies to prevent COVID-19 progression trial	Dr. Khawar Kazmi The Aga Khan University Hospital, Stadium road Karachi- 74800, Pakistan	Approved
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	Prof. Waheed Uz Zaman Tariq Chughtais Lab, 7 Jail Road, Main Gulberg, Lahore, Punjab, Pakistan	Approved
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	Dr. Nosheen Nasir The Aga Khan University and Hospital, Karachi	Approved

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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)	Dr. Asad Tamizuddin Nizami Institute of Psychiatry, WHO Collaborating Centre for Mental Health and Research. Rawalpindi Medical University, Rawalpindi Dr. Najma Siddiqi Department of Health Sciences, Faculty of Science, University of York, UK Dr. Rumana Haque Department of Health Sciences, University of York, UK	Approved
60.	28-01-2021	NBC-597 COVID-60	PhaseII/III Clinical trial investigation: C-IVIG therapy for treatment of severe COVID-19 patients	Dr. Shaukat Ali Dow College of Biotechnology, Dow University of Health Sciences Ojha Campus, KDA Scheme 33, Karachi	Approved
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	Farah Asif Clinical Research Office, SKMCH, Lahore Iqra Masood Research officer, Secretary to IRB, SKMCH, Lahore	Approved
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	Dr. Sarah Saleem Aga Khan University Karachi, Pakistan	Approved
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	Dr. Abdul Momin Kazi Department of Paediatrics and Child Health, Aga Khan University, Karachi Pakistan	Under Process
64.	12-02-2021	NBC-605 COVID-63	Exemption: SARS - CoV-2 Sewage Surveillance in Pakistan	Imran Nisar Dept of Paeds and Child Heath, Aga Khan University, Karachi	Approved
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	Dr. M. Rashid National Institute of Virology (NIV), International Center for Chemical and Biological Sciences (ICCBS) University of Karachi.	Approved

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66.	26-02-2021	NBC-612 COVID-66	COVID 19 Patients Admitted with Pneumonia treated with Sirolimus (CAPS)	Brig. Sohail Sabir President Secretariat Islamabad., National Institute of health, Islamabad. Rawalpindi Institute of Urology COVID Hospital, Rawalpindi.	Approved
67.	26-02-2021	NBC-611 COVID-67	COVID-19 Innovation and Research Project (CIRP)	Saleem Sayani Director Aga Khan Development Network Digital Health Resource Centre (Asia and Africa) Stadium Road, P.O.Box 3500, Karachi, Pakistan	Approved
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	Dr. Sarah Saleem Aga Khan University Karachi, Pakistan, Stadium Road, P.O. Box 3400, Karachi- 74800	Approved
69.	29-03-2021	NBC-619 COVID-69	Health and Wellbeing during COVID-19 Pandemic - A Nationwide Survey	Prof Nasim Chaudhry Pakistan Institute of Living & Learning (PILL) Suite No. 201, 2nd Floor, The Plaza, Karachi	Approved
70.	12.04.2021	NBC-627 COVID-70	Willingness to vaccinate against COVID-19 in the adult population of Pakistan	Dr Tehniat Faraz Ahmed Dow University of Health Sciences, Gulzar-e-Hijri Scheme- 33, Suparco Road, Karachi	Approved
71.	13.04.2021	NBC-629 COVID-71	Human small intestinal organoids model of SARS-CoV-2 replication	Dr.Junaid Iqbal Assistant Prof. Departmenr of Pediatric and Child Health, Aga Khan University, Stadium Road, Karachi	Approved
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.	Dr. Yasar Yousafzai Khyber Medical University Main Campus Phase V Hayatabad, Peshawar 25000, Pakistan	Under Process

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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	Dr. Faisal Mahmood The Aga Khan University Hospital, Aga Khan University, Stadium Road, Karachi-74800.	Under Process
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	Prof. Javed Akram University of Health Sciences Sciences, Khayaban-e-Jamia Punjab, Block D Muslim Town, Lahore, 54600, Pakistan	Under Process
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	Dr. Ejaz Ahmed Khan Shifa International Hospital, 4 Pitras Bukhari Road, H-8, Islamabad, Islamabad Capital Territory, Pakistan.	Under Process
76.	02-05-2021	NBC-639 COVID-76	Knowledge, Attitude, Practice towards COVID-19 infection of Afghan Refugees living in city of Lahore Pakistan	Dr. Farkhanda Ghafoor Shalamar Medical and Dental College, Shalimar Link Road, Mughalpura, Lahore.	Approved
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	Prof. Mirza Naqi Zafar Department of Pathology SIUT, Karachi	Approved
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)	Prof Nusrat Husain Oxford Rd, Manchester M13 9PL, UK/ Prof. Nasim Chaudhry (PK) Pakistan Institute of Living and Learning (PILL) Suite No. 201, 2nd Floor, The Plaza, Karachi	Under Process
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	Dr. Faisal Mahmood Aga Khan University Hospital, Stadium Road, P.O. Box 3500, Karachi 74800,	Under Process

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			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	Dr. Waqasuddin Khan Dept Pediatrics and Child Health, Aga Khan University, Karachi	Approved