

CURRICULUM VITAE

Armen K. Goenjian, M.D., D.F.A.P.A., F.A.C.G.S.

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2600 Redondo Avenue, Suite 500
Long Beach, CA 90806

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2600 Redondo Avenue, Suite 500
Long Beach, CA 90806

Del Amo Hospital
23700 Camino del Sol
Torrance, CA 90505

Pacific Hospital of Long Beach
2776 Pacific Avenue
Long Beach, CA 90806

EDUCATION:

1968 Bachelor of Science
American University of Beirut, Beirut, Lebanon

1970 Doctor of Medicine
University of Tennessee, Memphis, Tennessee

Curriculum Vitae, Armen K. Goenjian, M.D., L.D.F.A.P.A

INTERNSHIP AND RESIDENCIES:

1971-1972 Memorial Medical Center of Long Beach, California

1972-1975 Residency Training in Psychiatry

University of California Los Angeles, Los Angeles, California and
Veterans' Administration, Sepulveda, California

LICENSURE:

California and Tennessee

Certified by the American Board of Psychiatry and Neurology in Psychiatry

PROFESSIONAL EXPERIENCE:

Investigator, 2000-Present

Collaborative Neuroscience Network, Torrance, California

Research Professor of Psychiatry, 2002-Present

University of California, David Geffen School of Medicine, Los Angeles

Private Practice, 1975-Present

Los Angeles, California

Medical Director, Adult and Geriatric Psychiatry Program, 1994-Present

Pacific Hospital of Long Beach, California

National Center for Child Traumatic Stress Terrorism and Disaster Branch Consultant,

2001-Present

Senior Medical Director, 2002-Present

Pacific and Community Hospitals

Medical Director, Outpatient Program, 1998-1999

Behavioral Health Services – PMR

Associate Research Psychiatrist, 1996-2002

University of California, Los Angeles

Psychiatric Consultant, 1996-1998

Army of the Republic of Armenia

Medical Director, Partial Hospitalization Program, 1995-1999

University of California Irvine – PMR

Curriculum Vitae, Armen K. Goenjian, M.D., L.D.F.A.P.A

PROFESSIONAL EXPERIENCE (continued):

Visiting Associate Professor, Department of Psychiatry and Behavioral Sciences, 1993-1995
University of California, Los Angeles

Medical Director of Psychiatry, 1988-1994
Alondra Crest Hospital, Bellflower, California

Chairman, Department of Psychiatry, 1983-1986
Memorial Medical Center of Long Beach, California

Vice Chairman, Department of Psychiatry, 1981-1983
Memorial Medical Center of Long Beach, California

Acting Medical Director, 1981-1982
Alcohol Treatment and Education Center of Long Beach, California

Consultant, 1978-1985
State Department of Mental Health, Long Beach, California

Staff Psychiatrist, Adult Outpatient Clinic, 1975-1976
Harbor General Hospital, Carson, California

Part-time Physician, 1973-1974
Northeast Health Center Methadone Clinic, Los Angeles, California

Staff Physician, Internal Medicine, 1971
Santa Fe Memorial Hospital, Los Angeles, California

COMMITTEES:

Chairman, Alcoholic Committee, 1980-1983
Memorial Medical Center, Long Beach, California

Chairman, Psychiatric Utilization Committee, 1978-1986
Long Beach Memorial Hospital, Long Beach, California

INVESTIGATOR EXPERIENCE:

Phase I • Alzheimer's Disease • Bipolar Disorder • Depression • Diabetes • Epilepsy
Fibromyalgia • Generalized Anxiety Disorder (GAD) • Insomnia • Mild Cognitive Impairment
Parkinson's Disease • Post Traumatic Stress Disorder (PTSD)
Schizophrenia and Schizoaffective Disorders

CLINICAL TRIAL EXPERIENCE:

Phase I Alzheimer's

A Phase I, Double-Blind, Randomized, Placebo-Controlled, Multiple Escalating Dose Study to Evaluate the Safety, Tolerability and Pharmacokinetics of XXX in Elderly Volunteers and in Subjects With Mild Alzheimer's Disease

Tolerability, Pharmacodynamic and Pharmacokinetic Effects of XXX in the Treatment of Patients with Prodromal Alzheimer's Disease

A Phase I, Randomized, Double-Blind, Placebo-Controlled, Combined Single Ascending Dose and Multiple Ascending Dose Study to Assess Safety, Tolerability, Immunogenicity, Pharmacodynamic Response, and Pharmacokinetics of Intravenous Infusions of XXX in Subjects With Mild to Moderate Alzheimer's disease

Phase I Depression

A Phase I, Single-center, Randomized, Double-blind, Placebo-controlled Study to Assess the Safety, Tolerability, and Pharmacokinetics of Ascending Multiple Oral Doses of XXX as Adjunctive Therapy in the Treatment of Patients with Major Depressive Disorder

A Phase I, multi-center, randomized, double-blind placebo-controlled study to assess the safety, tolerability, and pharmacokinetics of ascending high doses of xxx as adjunctive therapy in the treatment of subjects with major depressive disorder

A Randomized, Double-Blind, Placebo-Controlled Study of Safety and Pharmacodynamic Effects of XXX in Major Depressive Disorder Subjects

Phase I Other

A Randomized, Open-Label, Three-Period Cross-Over Study in Healthy Subjects to Compare the Pharmacokinetic Profiles of a 7-Day Application of the XXX to Three Different Skin Sites

A Phase I, Two-Period, Two Treatment, Two-Way Steady-State Crossover Bioequivalence Study of XXX Tablets under Fasting Conditions

Phase I Schizophrenia and Schizoaffective Disorders

A Phase I, Multi-center, Randomized, Double-Blind, Comparator-Controlled Study to Assess the Tolerability, Safety, Efficacy, and Pharmacokinetics of Ascending Multiple Oral Doses of XXX in Adult Subjects with a Diagnosis of Schizophrenia or Schizoaffective Disorder

A Phase I, Parallel-group, Double-blind, Placebo and Positive Controlled Multiple Oral Dose Administration Trial to Evaluate the Effects of XXX on QT/QTc in Subjects with Schizophrenia or Schizoaffective Disorder

CLINICAL TRIAL EXPERIENCE (continued):

A Phase I, 2-part, open label, inpatient study to assess the safety and tolerability of multiple ascending doses of XXX in subjects with schizophrenia

A Phase I, Evaluation of The Effects of Sequential Multiple-Dose Regimens of XXX on Cardiac Replolarization in Patients with Schizophrenia

A Phase I Single-Dose, Open-Label, Randomized, Parallel-Group Study to Assess the Pharmacokinetics, Safety, and Tolerability of XXX a 3-Month Formulation in Subjects with Schizophrenia

A Phase I Study Investigating the Potential Interaction between XXX and Antipsychotic Treatments in Subjects with Schizophrenia or Schizoaffective Disorder

An Open-label, Parallel-arm, Two-period, Single-dose Pilot Study to Assess the Pharmacokinetics and the Effect of Food on the Pharmacokinetics of Five Once Weekly Oral Formulations of XXX on Adult Subjects with Schizophrenia

A Phase I, Comparative, Randomized, 2-way Crossover Bioavailability Study of XXX Tablets and XXX Tablets Under Fasting Conditions at Steady State in Subjects with Schizophrenia

A Phase I Two-Period, Two-Treatment, Open-Label, Two-Way Steady-State Crossover Bioequivalence Study of XXX Extended Release Tablets Under Fasting Conditions in Patients

A Multi-center Double-Blind, Randomized, Parallel Group, Active-Controlled Tolerability and Safety Study of XXX in Clinically Stable Schizophrenic Outpatients

A Placebo- and Positive-Controlled, Randomized Study, Evaluating Qt and Qtc Intervals Following Administration of Immediate-Release an Atypical Antipsychotic in Subjects with Schizophrenia or Schizoaffective Disorder.

A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study Evaluating QT/Qtc Intervals Following Administration of Extended-Release XXX and XXX in Subjects with Schizophrenia or Schizoaffective Disorder.

A Phase I, Double Blind, Randomized, Placebo- Controlled Study Evaluating QT/ QTc Intervals Following Administration of XXX and XXX in Subjects With Schizophrenia or Schizoaffective Disorder

A Phase I, Open-label parallel arm multiple dose tolerability, pharmacokinetics and safety study in adult patients with Schizophrenia following administration of XXX IM depot formulation once every four weeks.

CLINICAL TRIAL EXPERIENCE (continued):

Phase II-IV

Alzheimer's Disease

A Phase IIIb, XXX, Impact of PET on the Clinical Diagnosis and Management of Patients with Progressive Cognitive Decline

A 24 Week, Prospective, Randomized, Parallel-Group, Double-Blind, Multi-center Study Comparing the Effects of XXX vs. XXX on Activities of Daily Living and Cognition in Patients with Severe Dementia of the Alzheimer's Type

A One-Year, Double-Blind, Randomized, Placebo-Controlled, Study of Medication Approved for the Treatment of Parkinson's Disease Added to a Medication Approved for Memory Impairment and Dementia Daily in Patients with Mild to Moderate Dementia of the Alzheimer's Type

A Multi-center, Randomized Double-Blind Placebo-Controlled Study of the Safety, Tolerability, Pharmacodynamic and Pharmacokinetic Effects of XXX in the Treatment of Patients with Mild to Moderate Alzheimer's Disease

A Phase II, Double Blind, Randomized, Placebo-Controlled, Multi-center, Dose-Ranging, Parallel-Group, Study to Evaluate the Safety and Efficacy of Oral XXX in Patients with Mild to Moderate Alzheimer's Disease

A Phase IIb Nicotinic Agonist Alzheimer's Disease trial, Dose Ranging, Randomized, Double-Blind, Parallel-Group, Placebo-Controller, Multi-center Study of XXX Used as Add-On to XXX Treatment in Patients with Mild to Moderate Symptoms of Alzheimer's Disease

A Phase III Multi-center, Randomized, Placebo-Controlled, Double-Blind, Twelve-Month Safety and Efficacy Study Evaluating XXX in Patients with Mild-to-Moderate Alzheimer's Disease on XXX

A Phase III, Multi-center, Parallel-Group, Long Term Safety and Tolerability Treatment Trial of XXX in subjects with Alzheimer's Disease who Participated in Study XXX or in Study XXX

A Phase III, Multi-center, Randomized, Double-Blind, Placebo Controlled, Parallel Group, Efficacy And Safety Trial Of XXX in Patients With Mild To Moderate Alzheimer's Disease Who Are Apolipoprotein E 4 Non-Carriers

A Randomized Controlled Trial to Assess the Efficacy of a Medical Food in Patients with Mild to Moderate Alzheimer's Disease using Alzheimer's Disease Medication

A Randomized, Double-Blind, Placebo-Controlled, Dose-Ranging, Safety and Efficacy Study of Oral XXX in Alzheimer's Disease

CLINICAL TRIAL EXPERIENCE (continued):

Bipolar Disorder

A Randomized, Double-Blind, Placebo-Controlled, Proof-of-Concept, Phase II Study to Evaluate the Efficacy and Safety of Once a Day XXX 0.1, 0.4, and 0.8 mg as an Adjunctive Therapy to Treatment-as-Usual in the Maintenance Treatment of Bipolar I Disorder in Adult Patients

A Randomized, Double-Blind, Placebo-Controlled, Proof-of-Concept, Phase II Study to Evaluate the Efficacy and Safety of Once a Day XXX Tablet for Sublingual Administration XXX 0.1 mg, 0.4 mg, and 0.8 mg In the Treatment of Acute Depressive Episodes Associated with Bipolar I Disorder in Adult Patients who are on Lithium and/or Valproate

A Phase II, Multi-center, Randomized, Double-Blind, Placebo-Controlled, Multi-Dose Efficacy and Safety Study of XXX for Inhalation in Patients with Bipolar I Disorder and Agitation

A Phase III, Randomized, 6-Week, Double-blind, Placebo-controlled, Flexible-dose, Parallel-group Study of XXX for the Treatment of Bipolar I Depression in Subjects Demonstrating non-response to Treatment with XXX alone AND A 24-Week, Flexible-Dose, Open-Label Extension Study of XXX for the Treatment of Bipolar I Depression

A Phase IV, Multi-center, Double-blind, Double-dummy, Randomized, Parallel-group Study to Compare the Tolerability of XXX with XXX During Initial Dose Escalation in Patients with Bipolar Depression

A Six-Week, Double-Blind, Multi-center, Placebo-Controlled Study Evaluating the Efficacy and Safety of Flexible Doses of Oral XXX as Add-on, Adjunctive Therapy with XXX, XXX, or XXX in Bipolar I Depression

A Confirmatory Multi-center, Double-Blind, Randomized, Placebo-Controlled Study of the Use of an Atypical Antipsychotic in the Treatment of Patients with Bipolar Depression

A Multi-center, Double-Blind, Randomized, Placebo-Controlled Trial of the Use of a Novel Antipsychotic in the Treatment of Patients with Bipolar Depression

A Multi-center, Randomized, Double-Blind, Placebo Controlled Clinical Research Study to Evaluate the Safety and Efficacy of XXX in Patients with Acute Mania in Bipolar Disorder.

A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Dose-Response, Multi-center Study to Evaluate the Efficacy and Safety of Three Fixed Doses of Extended-Release XXX in the Treatment of Subjects with Acute Manic and Mixed Episodes Associated with Bipolar I Disorder.

A Multi-center, Randomized, Parallel-Group, Double-Blind, Phase III Comparison of the Efficacy and Safety of an Atypical Antipsychotic to Placebo When Used as Adjunct to Mood Stabilizers in the Maintenance Treatment of Bipolar I Disorder in Adult Patients

CLINICAL TRIAL EXPERIENCE (continued):

An Anti-Seizure Medication Versus Placebo as Add-on Treatment in Subjects with Bipolar Disorder in the Outpatient Setting

A Phase III, Randomized, Placebo-Controlled Study Evaluating the Safety and Outcome of Treatment with a Novel Antipsychotic Subjects with Mania

A Placebo-Controlled 21-Day Study of the Safety and Efficacy of XXX for the Treatment of Treatment-Resistant Bipolar I Disorder with an Optional Open-Label Extension.

A Three-Week, Multi-center, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Safety and Efficacy Study of Extended-Release XXX in Patients with Bipolar Disorder.

A Three-Week, Multi-center, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Safety and Efficacy Study of Extended-Release XXX in XXX-Failure Patients with Bipolar Disorder.

A Six-Month, Open-Label, Multi-center Study of Extended Release XXX in Patients with Bipolar Disorder – an Extension of Protocols XXX and XXX

A Multi-center, Double-Blind, Randomized, Placebo-Controlled Trial of the Safety and Efficacy of XXX as Add-on therapy with XXX or XXX in the Treatment of Acute Mania

Depression

A Phase III, Randomized, double-blind, parallel-group, placebo-controlled, fixed dose study on the efficacy of XXX on cognitive dysfunction in adult patients with Major Depressive Disorder (MDD)

A Multi-center, Randomized, Double-Blind, Parallel Group, Placebo-Controlled, Phase III, Long-Term Safety and Tolerability Study of XXX as an Adjunct to an Antidepressant in Patients with Major Depressive Disorder Who Exhibit an Inadequate response to Antidepressant Therapy

A Multicenter, Randomized, Double-Masked, Placebo-Controlled, Parallel Study to Investigate the Safety and Efficacy of 20 mg XXX versus Placebo in Adult Subjects with Major Depressive Disorder Followed by a 52-week Open-label Extension

A Phase IV, Multicenter, Randomized, 8-week, Double-blind, Placebo-controlled, Parallel-group, Study to Evaluate the Efficacy of Two Fixed Doses (50 and 100 MG/Day) of XXX in Adult Outpatients with Major Depressive Disorder (MDD)

A Phase IIb, Randomized, Double-Blind, Placebo-Controlled, Active Controlled, Parallel Group, Multicenter Study to Assess the Safety and Efficacy of 2 Fixed Dose Groups of XXX as Monotherapy Treatment in Patients with Major Depressive Disorder with an Inadequate Response to Antidepressant Therapy

CLINICAL TRIAL EXPERIENCE (continued):

A Phase III Multicenter, Randomized, Double-blind Study to Evaluate the Efficacy, Safety and Tolerability of an Oral XXX Combination Therapy in Patients With Major Depressive Disorder

A 52-Week, Multi-center, Open-Label Study of the Safety and Tolerability of XXX Tablets in Patients with Major Depressive Disorder (MDD)

A Multi-center, Randomized, Double-Blind, Parallel Group, Placebo-Controlled, Phase III, Efficacy and Safety Study of XXX in Flexible Doses as an Adjunct to an Antidepressant in Patients with Major Depressive Disorder Who Exhibit an Inadequate Response to Antidepressant Therapy

A Multi-center, Randomized, Double-Blind Study to Evaluate the Efficacy, Safety and Tolerability of an XXX Combination Therapy in Patients With Major Depressive Disorder

A Double-Blind, Placebo-Controlled Project of XXX to XXX Antidepressant Therapy (ADT) among Outpatients with Major Depressive Disorder Who have Responded Inadequately to Prior ADT

A Study of Augmentation with XXX for Patients with Major Depressive Disorder who are Partial Responders to Selective Serotonin Reuptake Inhibitor Treatment

A Double-Blind, Placebo-Controlled Project of XXX Adjunctive to Antidepressant Therapy (ADT) Among Outpatients with Major Depressive Disorder Who Have Responded Inadequately to Prior ADT

A Six-Week, Multi-center, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Study Evaluating the Efficacy, Safety, and Tolerability of Compared to Placebo in Female Subjects, Diagnosed with Major Depressive Disorder

A Long-Term, Open-Label, Flexible-Dose, Extension Study Evaluating the Safety and Tolerability of XXX in Subjects with Major Depressive Disorder

A Randomized Double Blind, Parallel Group, Placebo Controlled, Active Referenced, Fixed-Dose Study Comparing the Efficacy and Safety of 2 Doses of XXX in Acute Treatment of Adults with Major Depressive Disorder

A 12-Week Randomized Open-Label Trial of XXX vs. Generic SSRIs in the Treatment of a Severe Depressive Episode

A One Year Open label Study Assessing the Safety of XXX in Patients with Major Depressive Disorder

CLINICAL TRIAL EXPERIENCE (continued):

A Multi-center, Randomized, 24-52-Week, Double-Blind, Placebo-Controlled Study to Evaluate the Efficacy, Safety, and Tolerability of XXX Once Daily in the Prevention of Relapse of Depressive Symptoms in Outpatients with Major Depressive Disorder Who Achieved an Initial Response to 12 Weeks of Open-Label Treatment with XXX Once Daily

A Multi-center, Randomized, Double-Blind, Placebo Controlled Study of the Safety and Efficacy of an Atypical Antipsychotic as Adjunctive Therapy in the Treatment of Patients with Major Depressive Disorder

The Depression Response to a Sleep Medication in Adults with Major Depressive Disorder: A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, 8-Week, Safety and Efficacy Study of a Sleep Medication Compared to Placebo in Subjects with Insomnia Related to Major Depressive Disorder

A Multi-center, Randomized, Double-Blind, Parallel-Group, Placebo-Controlled Study Evaluating Efficacy, Safety, and Tolerability of a Once Daily Novel Antidepressant versus Placebo in Subjects with Major Depressive Disorder

A Study to Evaluate the Efficacy, Safety and Maintenance Effect of Atypical Antipsychotic Augmentation of XXX Monotherapy in Young and Older Adult Patients with Unipolar Treatment-Resistant Depression.

A Randomized, Double-Blind, Parallel-Group, Placebo-Controlled Fixed Dose Study Comparing the Efficacy and Safety of a New Anti-Depressant to Another Anti-Depressant to Placebo in Patients with Major Depressive Disorder.

A Randomized, Double-Blind, Parallel-Group, Placebo-Controlled, Study Evaluating Efficacy and Safety of XXX Controlled Release versus Placebo in Patients with Major Depressive Disorder

Epilepsy

A Randomized, Double-Blind, Parallel-Group, Multi-center Study to Evaluate the Retention Rate, Efficacy, Safety, and Tolerability of XXX, XXX, and XXX as Adjunctive Therapy in Subjects with Partial Onset Seizures

An International, Double-Blind, Randomized, Multi-center, Parallel Group, Historical-Control Conversion to Monotherapy Study to Evaluate the Efficacy and Safety of XXX in Subjects (≥ 16 to 75 years old) with Partial Onset Seizures with or without Secondary Generalization

A Double-Blind, Randomized, Historical Control Study of the Safety and Efficacy of XXX Monotherapy in Subjects with Partial Epilepsy Not Well Controlled by Current Antiepileptic Drugs And Long-Term Extension XXX Study for the XXX Double-Blind Monotherapy study

CLINICAL TRIAL EXPERIENCE (continued):

A Conversion to Monotherapy for Adults with Epilepsy Experiencing Partial Seizures (with or without Secondary Generalization), A Historical-controlled, Multi-center, Double-blind, Randomized Trial to Assess the Efficacy and Safety of Conversion to XXX Monotherapy in Subjects with Partial-onset Seizures

Fibromyalgia

A 12-Week, Randomized, Double-Blind, Placebo-Controlled, Multi-center Study of XXX to Evaluate Responsiveness of, and Estimate the Clinically Important Difference in, a Novel Fatigue Tool in Subjects with Fibromyalgia

A Multi-center, Multiple Dose, Double-Blind, Randomized, Placebo-Controlled, Parallel Group Study of the Safety and Efficacy of XXX in Female Patients with Fibromyalgia Syndrome

A Randomized Evaluation of a Low Frequency Investigational Device Employing Neuromodulation Therapy in Patients with Fibromyalgia: A Double-Blind, Placebo-Controlled Trial

Insomnia

The Efficacy and Safety of a Hypnotic Sleep Maintenance Insomnia: A 12-Week Multi-center, Randomized, Double-Blind, Placebo-Controlled Study Followed by an Open-Treatment Phase Extension for 40 Weeks

An Evaluation of the Long-Term Efficacy and Safety of a Hypnotic Compared to Placebo, When Both are Administered Over a Long-Term Period “as Needed,” in Patients with Chronic Primary Insomnia

An Evaluation of the Long-Term Efficacy and Safety of a Sleep Medication Compared to Placebo, When Both are Administered Over a Long-Term Period “as Needed,” in Patients with Chronic Primary Insomnia (A Randomized, Double-Blind, Placebo-Controlled, Parallel Group, Multi-center, Phase IIIb Clinical Study)

A Randomized, Double Blind, Placebo Controlled, Parallel Group, Eight-Week, Safety and Efficacy Study of a Novel Sleep Agent Compared to Placebo in Subjects with Major Depressive Disease and Insomnia

A Randomized, Double-Blind, Placebo-Controlled Subjective Study to Assess the Efficacy of XXX in Patients with Primary Insomnia Characterized by Difficulty in Maintaining Sleep

A Phase II Randomized, Double-Blind, Placebo-and Active-Comparator-Controlled Study of the Safety and Efficacy of XXX in Outpatients with Insomnia

CLINICAL TRIAL EXPERIENCE (continued):

The Efficacy and Safety of XXX on Sleep Maintenance Insomnia with a Sub-Study of the Effect of XXX on Stable Type II Diabetes Mellitus: A 12-Week Multi-center, Randomized, Double-Blind, Placebo-Controlled Study

Schizophrenia and Schizoaffective Disorders

A Phase II, Multicenter, Double-blind, Randomized, Fixed-dose, Parallel-group, 3-Week, Inpatient Treatment Study to Evaluate the Dose Response Relationship, Safety, Efficacy and Pharmacokinetics of XXX Compared with Placebo, using XXX as a Positive Control, in the Treatment of Acute Exacerbation of Schizophrenia

A Multicenter, open-label, single-arm flexible dose (20-80 mg twice daily, Phase III study of XXX in outpatients who complete (rollover) a previous XXX study and a study duration of up to 2 years after US XXX monotherapy launch.

A Phase III, Short-term, Multi-center, Placebo-controlled, Randomized Withdrawal Study of XXX with DSM-IV-TR Schizophrenia

A Double-blind, Placebo-controlled, Randomized Withdrawal Study of XXX for the Maintenance Treatment of Subjects with Schizophrenia

A Double-blind, Placebo and Active-controlled Evaluation of the Safety and Efficacy of XXX in the Acute Exacerbation of Schizophrenia

Evaluation of the Long-term Safety, Tolerability and Pharmacokinetics of XXX in patients with Schizophrenia

A Phase III, Multicenter, Double-Blind, Placebo-Controlled Study of 3 Doses of XXX versus Placebo in Patients with DSM-IV-TR Schizophrenia

A Long-Term, Open-Label, Multicenter Study of XXX Compared to Atypical Antipsychotic Standard of Care in Patients with DSM-IV-TR Schizophrenia

A Phase III, Open-Label, Multicenter, Rollover, Long-term Study of XXX Intramuscular Depot in Patients with Schizophrenia

A Phase III, multi-center randomized, 24 week, double-blind, parallel group, placebo controlled study to evaluate efficacy and safety of XXX in stable patients with persistent, predominant negative symptoms of schizophrenia treated with antipsychotics followed by a 28 week, double-blind treatment period.

A Phase III, multi-center, randomized, 12 week, double-blind, parallel group, placebo-controlled study to evaluate efficacy and safety of XXX in patients with sub-optimally controlled symptoms of schizophrenia treated with antipsychotics followed by a 40-week double-blind, parallel-group, placebo-controlled treatment period.

CLINICAL TRIAL EXPERIENCE (continued):

A Multicenter, Randomized, Double-blind, Placebo-controlled, Parallel-group Study to Evaluate Prevention of Relapse in Patients with Schizophrenia receiving either Flexible Dose XXX or Placebo in long-term use (up to 26 weeks) followed by up to 52 weeks of Open-label Extension

A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study of XXX Evaluating Time to Relapse in Subjects With Schizoaffective Disorder

A 12-week, Randomized, Multicenter, Open-label, XXX Flexible Dose Study Assessing Efficacy, Safety and Tolerability of Two Switch Approaches in Schizophrenia Patients Currently Receiving XXX or XXX

A Phase IIa, Multi-center, Double-Blind, Randomized, Parallel Group, 4-Week Inpatient Treatment Study to Evaluate the Safety, Efficacy, and Pharmacokinetics of Two Fixed Doses of XXX Compared to Placebo, Using XXX as an Active Control, in the Treatment of Acute Exacerbation of Schizophrenia

A Randomized, 6-week, Open-Label Study Evaluating the Safety, Tolerability, and Efficacy of XXX for the Treatment of Schizophrenia or Schizoaffective Disorder in Subjects SWITCHED From Other Antipsychotic Agents and A 24-Week, Flexible-Dose, Open-Label Extension Study of Subjects Switched to XXX for the Treatment of Schizophrenia or Schizoaffective Disorder

A Randomized, Double-Blind, Placebo Controlled, Parallel Group Study to Evaluate the Cognitive Enhancing Effect of XXX in Stable Patients with Schizophrenia

A Double-Blind, Placebo-Controlled, Multi-center, Parallel Group Study to Assess Efficacy, Safety and Tolerability of XXX as Augmentation Therapy to Improve Cognition in Outpatients with Cognitive Dysfunction in Schizophrenia

A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Phase II Study of the Safety and Efficacy of XXX in the Treatment of Cognitive Deficits in Schizophrenia (CDS)

A Randomized Phase II, Double-Blind, Placebo-Controlled, Multi-center Study of XXX as Add-on Therapy in Outpatients with Persistent Negative Symptoms of Schizophrenia Treated with a Stable Dose of a Second Generation Antipsychotic

A 52-week, Multi-Center, Open-label Study to Evaluate the Effectiveness of as Maintenance Treatment in Patients with Schizophrenia

A One-Year Multinational, Multi-center, Randomized, Double-Blind, Parallel-Group, Fixed-Dose, XXX Study Combining a 12-Week Placebo-Controlled, XXX-Referenced Phase with a 12-Month XXX-Controlled Phase in Patients with Schizophrenia

A Randomized, Double-Blind, Parallel-Group, Flexible-Dose Study Exploring the Neurocognitive Effect of XXX versus XXX in Patients with Schizophrenia Using the MATRICS Consensus Cognitive Battery (MCCB™)

CLINICAL TRIAL EXPERIENCE (continued):

A 24-Week, Multi-center, Double-Blind, Randomized, Parallel-Group, Dose Ranging Study of the Efficacy and Safety of Oral Doses of XXX and Placebo on Top of an Established Treatment Regimen of Either XXX, XXX/XXX, XXX or XXX Monotherapy in the Treatment of Cognitive Impairment in Schizophrenia

A Phase II Six-Week, Double-Blind, Placebo-Controlled, Multi-center Trial of XXX for Cognitive Impairment in Subjects with Schizophrenia

A Phase III Randomized, Placebo-Controlled, Clinical Trial to Study the Safety and Efficacy of Three Doses of XXX in Acutely Psychotic Patients with Schizophrenia

A Randomized, Double-Blind, Placebo-Controlled, XXX -Referenced, Parallel-Group Study of XXX in Subjects with Acute Exacerbations of Schizophrenia

The Long-Term Safety, Tolerability, and Effectiveness of XXX in Subjects with Schizophrenia or Schizoaffective Disorder: A Randomized, Active Comparator-Controlled Trial

A Randomized, Double Blind, Placebo-Controlled, Parallel Group Study to Evaluate the Efficacy and Safety of Two Dosages of XXX in the Treatment of Subjects with Schizoaffective Disorder

A Multi-center, Open-Label, Parallel-Group, Randomized, Flexible Dose Study to Evaluate the Safety and Tolerability of Switching from Existing Atypical Antipsychotics to XXX in Subjects with Schizophrenia or Schizoaffective Disorder

A Double-Blind, Placebo Controlled Evaluation of the Safety and Efficacy of XXX in the Acute Exacerbation of Schizophrenia

A Multi-Center, Randomized, Double-Blind, Placebo-Controlled, 16-Week Study of the Safety and Efficacy of XXX Used as Augmentation Therapy in the Treatment of Patients with Chronic Schizophrenia Demonstrating an Inadequate Response to XXX or XXX Monotherapy

A Randomized Double Blind, Placebo-Controlled, Parallel Group Study to Evaluate the Efficacy and Safety of XXX Compared to XXX in Subjects with an Acute Exacerbation Schizophrenia

The Predicting Response to Risperidone Treatment Through Identification of Early-onset of Antipsychotic Drug Action in Schizophrenia

A Randomized, Double Blind, Multi-center Study to Assess the Antipsychotic and Motor Effects of XXX When Administered in Combination with XXX Or XXX to Schizophrenic Subjects

A Six-Week Multi-center, Randomized, Double-Blind, Placebo-Controlled, XXX-Referenced, Parallel Group Study to Assess the Safety and Efficacy of XXX in Subjects with Acute Exacerbations of Schizophrenia Requiring Hospitalization

CLINICAL TRIAL EXPERIENCE (continued):

A 12-week International, Multi-center, Open Label, Non-comparative Study to Evaluate the Feasibility of Switching any Antipsychotic Treatment to Sustained-release XXX in Patients with Schizophrenia

A Randomized Double-Blind, Placebo and XXX-Controlled, Multi-center Study to Evaluate the Efficacy and Safety and Tolerability of XXX Given BID to Schizophrenic Patients in Acute Exacerbation Followed by a Long-Term Treatment Phase

A Randomized, Double-Blind Parallel-Group Comparative Study of Flexibility Dosed XXX Administered Every Two Weeks in Subjects with Schizophrenia

A Multi-center, Randomized, Double-Blind, Fixed-Dose, Six-Week Trial of the Efficacy and Safety of an Atypical Antipsychotic in Development Compared with Placebo Using Another Atypical Antipsychotic Positive Control in Subjects with an Acute Exacerbation of Schizophrenia

A Multi-center, Double-Blind, Flexible-Dose, Long-Term Extension Trial of the Safety and Maintenance of Effect of an Atypical Antipsychotic in Development Using Another Atypical Antipsychotic Positive Control in Subjects

A Multi-center, Double-Blind, Flexible-Dose, Six-Month Trial Comparing the Efficacy and Safety of an Atypical Antipsychotic in Development with an Atypical Antipsychotic in Stable Subjects with Predominant, Persistent Negative Symptoms of Schizophrenia

A Multi-center, Open-Label, Flexible-Dose, Parallel-Group Evaluation of the Cataractogenic Potential of an Atypical Antipsychotic and Another Atypical Antipsychotic in the Long-Term Treatment of Patients with Schizophrenia or Schizoaffective Disorder

A Multi-center, Randomized, Double-Blind Study on the Effects of an Atypical Antipsychotic on Overweight Patients Treated with Another Atypical Antipsychotic for Schizophrenia or Schizoaffective Disorder

A Four-Week Double Blind Multi-center Study Comparing the Efficacy and Safety of an Atypical Antipsychotic to Another Atypical Antipsychotic in Subjects with Schizophrenia or Schizoaffective Disorder Needing Inpatient Care

A Randomized, Double-Blind, Placebo-Controlled and an Atypical Antipsychotic-Referenced, Parallel-Group Efficacy and Safety Study of Two Fixed Doses of an Atypical Antipsychotic in Development in the Treatment of Schizophrenia

A Double-Blind, Eight-Week, Placebo and XXX Controlled, Dose-Finding Study to Evaluate the Efficacy, Safety, and Tolerability of a Novel Antipsychotic in the Treatment of Patients with Schizophrenia or Schizoaffective Disorder

CLINICAL TRIAL EXPERIENCE (continued):

A Four-Week Double Blind Multi-center Study Comparing the Efficacy and Safety of a Novel Antipsychotic Compared to a Novel Antipsychotic in Subjects with Schizophrenia or Schizoaffective Disorder Needing Inpatient Care

An Assessment of the Efficacy and Safety of Two Sublingual Doses of a Novel Antipsychotic in Subjects with Schizophrenia (in an Acutely, Exacerbated State) Compared to Placebo in a Multi-center Randomized, Double-Blind, Fixed-Dose, Six-Week Trial with a XXX Positive Control Group

A Six-Week, Double-Blind, Randomized, Fixed-Dose, Parallel-Group Study of the Efficacy and Safety of Three Dose Levels of a Novel Antipsychotic Compared to Placebo and XXX in Patients with Schizophrenia Who are Experiencing an Acute Exacerbation of Symptoms

A 12-Week Multi-center Randomized, Double-Blind, Placebo-Controlled Evaluation of a Cognitive Enhancer as Adjunctive Therapy in the Treatment of Cognitive Impairment in Patients with Schizophrenia and Schizoaffective Disorder

A Randomized, Double-Blind Study of the Safety and Efficacy of a Mood Stabilizer Plus an Atypical Antipsychotic Versus an Antipsychotic Alone in the Treatment of Schizophrenia

A Multi-center, Double-Blind, Placebo Controlled, Randomized, Parallel Group Evaluation of the Efficacy of a Flexible Dose of a Mood Stabilizer Versus Placebo as Add-on Therapy in Schizophrenia

A Multi-center, Double-Blind, Double-Dummy, Placebo-Controlled, Randomized, Parallel Group Evaluation of the Efficacy and Safety of a Fixed-Dose of a Novel Antipsychotic Versus Placebo Versus XXX in Patients with Schizophrenia

A Trial of One Atypical Antipsychotic Versus Another Atypical Antipsychotic in the Treatment of Schizophrenic and Schizoaffective Subjects with Comorbid Depression

Other Indications

A Randomized, Double-Blind, Placebo-Controlled, Parallel-Group, Fixed Dose Study Evaluating the Efficacy and Safety of the XXX in Posttraumatic Stress Disorder (PTSD)

A Placebo-Controlled Study To Evaluate The Safety And Efficacy Of XXX In Subjects With Parkinson's Disease

A 28-Week Open Label Extension Study Evaluating the Safety and Tolerability of XXX in Subjects with Mild Cognitive Impairment.

A One-Year, Multi-center, Randomized, Double-Blind, Placebo-Controlled Evaluation of the Efficacy and Safety of a Medication Prescribed for Memory Impairment and Dementia in Subjects with Mild Cognitive Impairment

CLINICAL TRIAL EXPERIENCE (continued):

A Novel Anxiolytic Versus Placebo in Generalized Anxiety Disorder: A Randomized Double-Blind Placebo and XXX Controlled Fixed Dose Parallel Group Multi-center Study of 10 Weeks

OTHER CLINICAL AND POPULATION-BASED RESEARCH:

Longitudinal Comorbidity Studies Among Children, Adolescents, and Adults Traumatized Due to the Spitak Earthquake of 1988. The studies were conducted over a span of eight years.

Neurohormonal Alterations Among Traumatized Adolescents, Including Studies of GPA Axis and Catecholimine System. 1993-1995

Controlled Treatment Outcome of School-Based Trauma/Grief Focused Psychotherapy Among Traumatized Adolescents. 1990-1991

Moral Development and Pathological Interference with Conscience Functioning Among Traumatized Adolescents. 1995

Comorbidity Studies Among Adolescents Traumatized Due to the War Between Azerbaijan and Karabagh. 1999

Comorbidity Studies Among Adolescents Traumatized Due to Hurricane Mitch. 1999
Relocation Studies of Children and Their Mothers Exposed to Earthquake. 1991

Epidemiological Survey of School-Aged Children in Ano Liosia Exposed to the Athens Earthquake. 2000

Collaborative Research (with UCLA Trauma Psychiatry Program, Olive View/UCLA Medical Center, Cornell Medical Center)

Behavioral Animal Model of PTSD

The Role of Traumatic Reminders and Adversities in the Course of PTSD

Relocation among Traumatized Children, Adolescents, and Adults

PUBLICATIONS:

Depression and PTSD symptoms among bereaved adolescents 6(1/2) years after the 1988 Spitak earthquake.

Goenjian AK, Walling D, Steinberg AM, Roussos A, Goenjian HA, Pynoos RS.
J Affect Disord. 2009 Jan;112(1-3):81-4. Epub 2008 Jun 10.

PUBLICATIONS (continued):

Depression and PTSD symptoms among bereaved adolescents 6(1/2) years after the 1988 Spitak earthquake.

Goenjian AK, Walling D, Steinberg AM, Roussos A, Goenjian HA, Pynoos RS.
J Affect Disord. 2009 Jan;112(1-3):81-4. Epub 2008 Jun 10.

A prospective study of posttraumatic stress and depressive reactions among treated and untreated adolescents 5 years after a catastrophic disaster.

Goenjian AK, Walling D, Steinberg AM, Karayan I, Najarian LM, Pynoos R.
Am J Psychiatry. 2005 Dec;162(12):2302-8.

Post-traumatic stress and depressive reactions among children and adolescents after the 1999 earthquake in Ano Liosia, Greece.

Roussos A, Goenjian AK, Steinberg AM, Sotiropoulou C, Kakaki M, Kabakos C, Karagianni S, Manouras V.
Am J Psychiatry. 2005 Mar;162(3):530-7

Hypothalamic-pituitary-adrenal activity among Armenian adolescents with PTSD symptoms.

Goenjian AK, Pynoos RS, Steinberg AM, Endres D, Abraham K, Geffner ME, Fairbanks LA.
J Trauma Stress. 2003 Aug;16(4):319-23.

The effect of relocation after a natural disaster.

Najarian LM, Goenjian AK, Pelcovitz D, Mandel F, Najarian B.
J Trauma Stress. 2001 Jul;14(3):511-26.

Post-traumatic stress and depressive reactions among Nicaraguan adolescents after hurricane Mitch.

Goenjian AK, Molina L, Steinberg AM, Fairbanks LA, Alvarez ML, Goenjian HA, Pynoos RS.
Am J Psychiatry. 2001 May;158(5):788-94.

Prospective study of posttraumatic stress, anxiety, and depressive reactions after earthquake and political violence.

Goenjian AK, Steinberg AM, Najarian LM, Fairbanks LA, Tashjian M, Pynoos RS.
Am J Psychiatry. 2000 Jun;157(6):911-6.

Are researchers bound by child abuse reporting laws?

Steinberg AM, Pynoos RS, Goenjian AK, Sossanabadi H, Sherr L.
Child Abuse Negl. 1999 Aug;23(8):771-7.

Moral development and psychopathological interference in conscience functioning among adolescents after trauma.

Goenjian A, Stilwell BM, Steinberg AM, Fairbanks LA, Galvin MR, Karayan I, Pynoos RS.
J Am Acad Child Adolesc Psychiatry. 1999 Apr;38(4):376-84.

PUBLICATIONS (continued):

A public mental health approach to the postdisaster treatment of children and adolescents.

Pynoos RS, Goenjian AK, Steinberg AM.
Child Adolesc Psychiatr Clin N Am. 1998 Jan;7(1):195-210, x. Review.

Issues in the developmental neurobiology of traumatic stress.

Pynoos RS, Steinberg AM, Ornitz EM, Goenjian AK.
Ann N Y Acad Sci. 1997 Jun 21;821:176-93. Review. No abstract available.

Outcome of psychotherapy among early adolescents after trauma.

Goenjian AK, Karayan I, Pynoos RS, Minassian D, Najarian LM, Steinberg AM, Fairbanks LA.
Am J Psychiatry. 1997 Apr;154(4):536-42

Basal cortisol, dexamethasone suppression of cortisol, and MHPG in adolescents after the 1988 earthquake in Armenia.

Goenjian AK, Yehuda R, Pynoos RS, Steinberg AM, Tashjian M, Yang RK, Najarian LM, Fairbanks LA.
Am J Psychiatry. 1996 Jul;153(7):929-34.

A behavioral animal model of posttraumatic stress disorder featuring repeated exposure to situational reminders.

Pynoos RS, Ritzmann RF, Steinberg AM, Goenjian A, Prisecaru I.
Biol Psychiatry. 1996 Jan 15;39(2):129-34

Psychiatric comorbidity in children after the 1988 earthquake in Armenia.

Goenjian AK, Pynoos RS, Steinberg AM, Najarian LM, Asarnow JR, Karayan I, Ghurabi M, Fairbanks LA.
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Goenjian AK, Najarian LM, Pynoos RS, Steinberg AM, Petrosian P, Setrakyan S, Fairbanks LA.
Acta Psychiatr Scand. 1994 Sep;90(3):214-21.

Post-traumatic stress disorder in elderly and younger adults after the 1988 earthquake in Armenia.

Goenjian AK, Najarian LM, Pynoos RS, Steinberg AM, Manoukian G, Tavosian A, Fairbanks LA.
Am J Psychiatry. 1994 Jun;151(6):895-901.

Post-traumatic stress reactions in children after the 1988 Armenian earthquake.

Pynoos RS, Goenjian A, Tashjian M, Karakashian M, Manjikian R, Manoukian G, Steinberg AM, Fairbanks LA.
Br J Psychiatry. 1993 Aug;163:239-47.

PUBLICATIONS (continued):

A mental health relief programme in Armenia after the 1988 earthquake. Implementation and clinical observations.

Goenjian A.

Br J Psychiatry. 1993 Aug;163:230-9.

Cardiac arrhythmias in a population admitted to an acute alcoholic detoxification center.

Buckingham TA, Kennedy HL, Goenjian AK, Vasilomanolakis EC, Shriver KK, Sprague MK, Lyyski D.

Am Heart J. 1985 Nov;110(5):961-5.

Effects of methadone on alcohol consumption and growth in mice.

Goenjian AK, Cummins JT.

Drug Alcohol Depend. 1976 Jun;1(5):313-8. No abstract available.

HUMANITARIAN WORK:

Psychiatric Outreach Mental Health Relief Program in Armenia, 1989-1990

Initiated and directed the Psychiatric Outreach Program in Soviet Armenia after the 1988 Spitak earthquake. The program sent over 60 mental health workers from the U.S. and Europe to provide direct patient care to the victims of the earthquake. Over 10,000 victims were evaluated and provided with brief and long-term psychotherapy. Provided direct therapeutic services to victims during bi-annual visits to Armenia.

Armenian Relief Society Treatment and Training Program in Armenia, 1991-present

Director of the psychiatric treatment and training program: initiated and supervised training program for local mental health professionals and paraprofessionals based on state-of-the-art Western therapeutic techniques; provided clinical consultation to local health professionals and psychiatric hospitals. Arranged for the building of two mental health clinics in the earthquake zone that employ the trained professionals. Yearly, 800-1,000 new patients are seen in these clinics. In addition, the program provides liaison service to local hospitals and consultation to schools. It also provides training to professionals and paraprofessionals from the war-ravaged Karabagh and direct clinical services to victims of the violence.