



23rd International Congress
of Applied Psychology

July 17-22, 1994
Madrid, SPAIN

Secretariat

COP-Colegio Oficial de Psicólogos
Cuesta de San Vicente, 4, 5ª
28008 Madrid, SPAIN

Tels: 34 - 1 - 547 31 57

34 - 1 - 547 30 97

Fax: 34 - 1 - 547 22 84

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Dr. Antonio E. PUENTE
Department of Psychology
University of North Carolina at Wilmington
Wilmington, NC 28403-3297
USA

April 22, 1994

Dear Dr. PUENTE:

This is with reference to the **Keynote Address** which you are presenting at the 23rd International Congress of Applied Psychology (Madrid'94) on:

**"IS THERE A FUTURE FOR CLINICAL NEUROPSYCHOLOGY: A LONG PAST, A VIBRANT
PRESENT AND A UNCERTAIN FUTURE"**

which has been included in the Final Program of the Congress of the Division of:
Clinical and Community Psychology.

We are hereby informing you that your lecture has been scheduled on **July 18, at 14:30**
hrs. (Room: S2).

We take this opportunity to kindly request you to send us the **abstract** - 200 words - of
your contribution, in order that it may be included in the Congress Book of Abstracts. We would
appreciate that you send us by fast mail - see attached form -, in a disk file, or to our E-Mail
address: <23ICAP@sis.ucm.es>.

We are looking forward to meeting you in Madrid next summer.

Sincerely yours,

Prof. José A. Carrobles
Chairperson, Scientific Committee

Proposal for Poster Presentation at the 23rd
International Congress of Applied Psychology
to be held in Madrid, Spain July 17-22, 1994

Presenter: Antonio E. Puente, Ph.D.
Division 40, American Psychological
Association

Professor of Psychology at the University
of North Carolina at Wilmington,
Wilmington, North Carolina USA

Address: Antonio E. Puente, Ph.D.
1202 Medical Center Drive
Wilmington, NC 28401 USA
Phone: (910) 341-3388
Fax: (910) 341-3388

Co-Authors: Julian Keith, Ph.D.
Richard Tamisiea, M.D.
Andrea N. Tuttle

No special equipment needed

Title of Study: Awareness of Neuropsychological
Function in Coronary Artery Bypass
Graft Surgery

Abstract

Changes in brain function after Coronary Artery Bypass Surgery have been documented in several studies from the late 1970's to the present. The present study attempts to document if neuropsychological changes occur as a result of bypass surgery. Previous investigations of neuropsychological alterations following bypass surgery were limited to only a few psychometric measures to detect such changes. The present study incorporates a computerized neuropsychological test battery that is sensitive to subtle changes. Twenty-eight subjects, fourteen cardiac bypass surgery subjects and fourteen angioplasty subjects, were tested on six tasks sensitive to performance. After completing each task, subjects rated their performance. Results showed significant differences in actual performance between the two groups for three of the six tasks. The subjective ratings of performance yielded significant differences on only one task. The present study concludes that cardiac bypass graft surgery appears to lead to neuropsychological changes, this resultant change seems to be perceived the subject.