SOFTWARE SURVEY SECTION

Editor's Note:  The following Software Descriptions have been
submitted by our readers in response to our call for an open
exchange of information on software programs.  They are offered
without review or comment to provide a rapidly published, easily
accessible avenue of communication.  Other readers with relevant
software packages are invited to complete and submit a Software
Description Form (found at the end of this section).

Software package CH-001-S84          HEMATOCRIT CORRECTION FOR BLOOD VISCOSITY

Contributor:  Drs. E. Ernst and A. Matrai, Clinic Phys. Med., Hemorheology
Research Unit, 8000 Munchen 2, Ziemssenstr. 1/West Germany

Brief description:  From native blood viscosity measurements, hematocrit and
plasma viscosity it derives the blood viscosity at a standardized hematocrit
of 45% according to a formula published by Whitington et al.

Potential users:  Researchers in clinical hemorheology
Fields of interest:  Blood viscometry.

§ This application program in the area of viscometry has been developed for
  Sharp PC 1500 in BASIC.  It is available on normal stereo magnetic tape.
  Required memory is minimal.
§ Distributed by Dr. Ernst.
§ The minimum hardware configuration required is any BASIC programmable
  computer.  No user training is required.  It is self-documenting.  Source
  code is available.
§ The package is fully operational.  It has been in use at our lab for
  approximately four months.  The contributor is available for user
  inquiries.

NAME OF JOURNAL_____ **CLINICAL HEMORHEOLOGY**_____

**P E R G A M O N   P R E S S**
**SOFTWARE DESCRIPTION FORM**

Title of software package: _____

_____

_____

It Is:  [  ]Application program     [  ]Utility     [  ]Other_____

Specific area _____
   (e.g. Thermodynamics, Inventory Control)

Software developed for [name of computer(s)] _____

in [language(s)] _____

to run under [operating system] _____

and is available in the following media:

[  ]Floppy disk/diskette.  Specify:

   Size _____ Density _____     [  ]Single-sided   [  ]Dual-sided

[  ]Magnetic tape.  Specify:

   Size _____ Density _____       Character set _____

Distributed by:_____

Minimum hardware configuration required: _____

Required memory: _____       User training required:  [  ]Yes  [  ]No

Documentation:  [  ]None  [  ]Minimal  [  ]Self-documenting
                [  ]Extensive external documentation

Source code available:  [  ]Yes    [  ]No

Level of development:  [  ]Design complete     [  ]Coding complete
   [  ]Fully operational     [  ]Collaboration would be welcomed

Is software being used currently?  [  ]Yes     [  ]No
   If yes, how long? _____     If yes, how many sites? _____

Contributor is available for user inquiries:    [  ]Yes     [  ]No

                                                            (continued)

RETURN COMPLETED FORM TO:

                        Dr. Arpad Matrai
         Klinik fur Physikalische Medizin der Universitat Munchen
                     Innenstadt, 8000 Munchen 2
                     Federal Republic of Germany

Description of what software does [200 words]:

Potential users: _____

Fields of interest: _____

# # # # # # #

Name of contributor: _____

Institution: _____

Address: _____

_____

Telephone number:_____

# # # # # # #

Reference No. [Assigned by Journal Editor]_____

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[The information below is not for publication.]
Would you like to have your program:
                    Reviewed?    [  ]Yes  [  ]No  [  ]Not at this time
        Marketed and distributed?    [  ]Yes  [  ]No  [  ]Not at this time