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.
II  Software Survey Section

NAME OF JOURNAL ____________________________

Pergamon Press

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

RETURN COMPLETED FORM TO:

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

(This Software Description Form may be photocopied without permission)
Software Survey Section

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] ____________________ 

[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 

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