A 5 P
J a f B a E
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5 :10.4303/ /M110102

... 2.5 ... 7.0, ... 4.0 ... 3 ... *high ... of the ... I ... (...) ... T ... R ... O ... *distance*, ...

B ... *bi ... h* ... ,

- ... ;
- ... ;
- ... ;
- ... ;
- ... ;
- ... (...) ... (...);
- ... ;
- ... /wa ... ;
- ... 90- ... ;
- ... ;
- ... ;
- ... 4- ... -6- ... (...).

B ... *ia* ... .

3 Spatial considerations that can be deduced by examining the human arterial system

Ba ... -1970' ... I ... (S ... [11]). S ... ff I ... :

(.) ... *c ... g ... ai* ..., B (... $B = 2$ ... $B = 3$, ...);

(.) ... *ge ... ai* ... (... $= 0, 1, 2, \ldots,$ ...), ... (... $= 0$) ... (... $=$ ...) ... ;

(.) ... *da gh e* ... ;

(.) ... D_m, ... m, ...

I ... (...) ... D_m ... m ... D_0 ... 0 ... *e ... a ... e ... i* ... : $D_m = D_0$ ... m ... $m =$ ... 0 ... m, ... *ca i g fac* ... *f* ... *i ... e ... a dia ... e ...*, ... *ca i g fac* ... *f ... ea ... e ... e ... e g h*; ... B, ... *e ... a ... e ... ai* : ... $= B^m$.

Af ... I ... :

- ... *ce ... i g* ... ,
- ... : ... ,
- ... : ... , ... *feedi g* ... ,
- ... , ... *i hi g* ... ,
- ... : ...

a ... T ... 0.600 (...) ... 0.616 (...). G ... , ... *f e f- i i ai* ... *e* ... $= 0.618$.

A ... 0.618 ... $[2 \div (1 + \sqrt{5})] = 0.618033989\ldots =$ (1/ ...), ... $= 1.618033989$. T ... *i i e* ... $-$ ... $- 1 = 0$. T ... G ... E ... (. 365 ... 265 B.C.) ... , ... > ... , ... (... + ...)- ... - ... [(... + ...)/ ...] = (... / ...), ... A ... *G ... de ... Ra i* ... $= 1.618033989\ldots$, ... (... $- 1$), ... (1/ ...) = (... $- 1$) = 0.618 ... (...).

A ... E ... M ... A ... (. 1202), L ... f P ... a (... F ... B ... a ...), ... G ... Ra ... , 0, 1, 1, 2, 3, 5, 8, 13, 21, 34, 55 .... I ... ,

af 0, 1 a f a, a , a
w : 1 = 0+1;
2 = 1 + 1; 3 = 1 + 2; . . . , j

e a i hi hich ica characteri e e f- i i a e are high cce f i de cribi g he c e- a d-f c i f he h a b d (S a 5 S a w [13]). T , a w aw f a 5 5 ff a 5 5 a 5 a f a *a a ic* (5 *ca i g* aw), a 5 a *h i gic* (5 *c i i e*

f ac i a di e i ai f a a -
A a , f a
a , a f a a a a a a
$(\log\alpha) \div (\log\lambda)$.

F a a a a
a a $y = \log[D_m/D_0]$ $= \log[\ ]$
(f f), a a
a a a f a . T
Ha wa a a wa a
a a w -0.37 a -0.40. T a a
w a a ' - w
a , a a a , a
i e e e a e a i hi .

W a, a , a a f a a -
a a a f
. Ra w a a a
c ai ed a d e a f w a
(, ,) a f f- a a ,
a , a , a ,
a a , *c a ica* , a a fa a -
a a a a . T -
a f *P i ci e f F ac a /Fib acci Sca i g*
f- a a a a
ba a ce w , *c e* a a
a a a . (N a a-
w w
a a a) T *P i ci e* a

a a f - a - f e eig ec a de i f c i , ( ) [, w ( ), e He], . U a a a , hi e igh , , f a i ib e f a :

- 400 484 T a(10^1) H (TH) =,
- 484 508 TH = a ,
- 508 526 TH = w,
- 526 606 TH = ,
- 606 668 TH = a
- 668 789 TH = ,

w a a a a a - a , a , a e c c e f - f _ a .

N w w a a a w a w f a f a i c e e , Δ , a a a i a a a a i ai fac , β. F a , w a f a a β-fa f w a a w e ca e, 8^{ve}_ a a a w e c c e_(a f f- a). T , f a a a a f Δ = 30 H = a , a wa a a w w a a a f f 20 H 40 H (d bi g, a Δ = 20-H), a f 9,220- -18,440 (a a d bi g, , Δ = 9, 220-H , = 2) . . .

I a a , a f a a a fac (a ca e, w f), a a a a i c e e , a Δ = 30-H . T a a a hi e , w a f c e a a a w a a w w a a a w a f a e a w f a . T a a , a w (20 40 H) a e a f e e g a 20 f , w a a (9,220 18,440 H), a a e a f e e g a 9,220 f , a f c e a a . F a a , a a w a f , f a B, a _ a a P e a a , w ( ), a , δ , f f , , a i e e- e a e ai f ( ) = $[1/ \ ]^k$ (a a , f f- a fe e c , a a id a).

If w a a f f a w

$$\log [\ (\ )] = \ \log(1) - \ \log(\ ); \quad \log(1) = 0,$$

a

$$\log [\ (\ )] = - \ \log(\ ).$$

T - .

he3 TD

- [illegible] w_; ([illegible] _ [illegible]);
- [illegible] a _(> 2).

I [illegible] w [illegible] a [illegible] a a [illegible] a [illegible] w [illegible] aw [illegible] a- [illegible] a [illegible] a [illegible] f *e f- i i a* [illegible] *e* . I [illegible] f [illegible]