

AIDS

Dr C A Came



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	Urination ("watersports")
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	or fist into the rectum)
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	Any sex act which draws bloo

# Introduction

The human immune system enables us to overcome most common infections such as coughs and colds without becoming seriously ill. It also allows us to microbes (or organism) without these casuing us any harm. A patient with AIDS has been infected with a virus which seriously wakene the immune system. Thus, the full name for the disease is the Acquired Word Human Immundeficiency Virus.

#### Incubation

With all review [Internal there is a fairsy however, each child of the second second second second second second bases" complex could we in fact quaght one of the could bases" coupled a could we in fact quaght one of the could much longer increasion period a weir instance. A second ADB the increasion of the second second second second and increasing of the second second second second is seems that approximately one in three period with measurement of the second is seems that approximately one in three period with measurement of the second sec It is therefore net possible, writely speaking, to cache AUES, its possible, however, to earch the vitro scatch which may eventually cause AUES. The time between possible and the strength of the strength of the possible strength of the strength of the strength of matter with the vitro and second and the AUES of the strength strength of the strength of the strength of the strength strength of the strength of the

Although the full natural history of HIV infection is not yet housen, it arenes prohable that norse a presses is infected the virus will emusic in his (or hear) bady forcesse.

# **Opportunistic Infections**

The inderlying arrayment effectiveness making instances with ABE values the average of diffusion infections and completing burntheses are rearred of diffusion infections and completing burntheses can cause discusses in parspit with memore diffusion. These discusses are railed approxtransition discusses in ADE parameters the infections can often ADE parameters taken one of these enginess. The commence of the strength of the strength of the strength taken are also been approximated with a presentance caused by the enginesis means called approximation differtions affecting more taken one of these enginess. The commences infection is ADES particularly different in a present caused by the enginesis parameters are shown in a present solution that the strength of the strength of the strength of the answer the between impacts difference of the ADES.

#### Cancer

The immune system is also responsible for guarding against the diversignment of curver, so it is not surgriing that ADS patients can suffer from certain multinear barmane. By for the commonset of these is a skin turnour called Kapawi surgroups (eq2).

## Effects on the brain

The view can damage the brains of people with AIDS cousing dementia, but fortunately this happens in only a few people.

# How the virus is caught

There are only a low different ways in which the circa map be cought and the most small is by intimute sexual routact. The virus may also be contracted by intra-

# Origin and spread

#### Farst reports

It shows that use of the second secon

The following rooth a report approach of 20 lower sector length of the length of children's also had been disproach as having the core white tensor. However, assurements The type of tensors is easily to the disproach of the length of the tensors is a sector as eight one of keypoint's sectors in a near under 74 in the 10 search offset (b).

The report explored that apert from two energy from K popy is accounts lead periodly because only in effects meas. The first exclusion can in Africa where the disance of the second second second and the energy of the second second second second second africaward environments of the second second second second second was a period or second second second second terminal assistances and a second recipionity of kidney terminal second second second second second second s

7

#### Early cases unrocognized

On careful re-examination of readical research it was clear that the first American AIDS mass had been seen. albeit anteriognoset, in the late 1978. However, the disease seems to have occurred room surfar in central Africa, but us origin remains obscieve.

## Research among homosessials

Remark promotes were not up to try to both the consecution (JLD). The energy is utilized from of that the betweenexade numbers of sexual partners, and often contracted mannerous sexually transmitted inseas. This is also memory of the sexual partners, and the sexual of the immune system becoming your on out after fighting lock of sexually transmitted organisms. This conclusion was false, however, at JLDS was absented by the sexual of a second by the second second second second second and subsequently develop ALDS as a result of a single septoner to the virus.

## Other at risk groups

In 1982 reports were published of the disease being seen among intrivenous drug users such as heroin addicts, sufferers from the bleeding disorder haemophilia, and recent immigrants from Haiti. An intrivenous drug user can transmit the infection by sharing needles and syringes. In this way other papele inject themselves with the contaminated blood left on the needle and in the stringe.

#### Haemophiliacs

Factor VIII is the name given to a clotting agent missing from insemophiliacs' blood so that they bleed easily. When a bleeding episode occurs this is treated with Factor VIII derived from numerous blood danations. Some of this blood was donated by people unknowingly carrying HIV and consequently many haemphilians have been inferted. Glops have now been taken to ensure that Pactor VIII given to baemophilies is not constrainated y

#### Haltians

The renson why Hautians were inferted is real as dear as a very few flational ABB patients admit at a subset homoscenality or interviewang drug use. A number of Hautian barrier is builded work of the American barrier wavelet. During the high symbol from time at the torticate a spectrum of the target of the transfer states that the absence interved the USA by this much. If this wears the case in simpli here issues that as another of Hautians had here exployed as followers as curved of Hautians had here exployed as followers as curved wave the transferment is the Hautian their science.

### Related virus found in monkeys

Blood samples from African Green Monkeys has shown eridences that they are often infasted with a classly whiled Virus. It is unclean how the monkey venuappead to man. This virus is not obstical but it is conceivable that a monitorin blast is a classing in the virus' structure) may have taken place at some shape which enabled in the totalit new virus HIV-

## Second type of HIV Jound

Recently, a second type of HIV, called HIV-2 has been found in people from West Africa. This can also cause AIDS. The more conson type of HIV should now, strictly speaking, be called HIV-1.

This view of the virus' origin and quoted is meessurily speculative and it is prassible that we will never be sure of the true story. High risk groups

In the UX and USA most people with A10S have belonged in the so-called high raik groups. The number of cases is such of the risk groups up to August 1986 is shown in the Tables. HV interfaces, between, its being sees with increasing frequency outside these groups and anyone must consolve themselves at raik of sequening the disease if they have several series apartment or it there several periodic partners.

Patient private	Man	Works	Daith
Hermieval/hieval			283
Intervention drug abuser (IVOA)	23		19
HOLE AND A LOW AND A	24		13
HarroyAllar	111		72
Receiven of blond aluped	10	10	12
LTR.		3	13
Herargamagal gamamad infaction abigue	35	15	.15
presidented infected UK	-4		3
Church and and displayment minered	- 10	11	
	10		3.0

Harmonic escal and hours and soors

So far most British and American cases have occurred aroung hierassemul and bisenual men. The reason for this is that the more sexual sectores on infected person has the more quickly the disease will spread, and in the 1970s and early 1980s many homosexual men were having large numbers of partners. Recently, bacause of the fear of catching or passing on HIV, it has become far less common for homosexual men to have several partners.

Patient groups	Mile	Facult	
Adult and adolescent			
Homosexual/bisexual	43.067		
Intravenous drug abuser (IVDA)	101238	2515	
Homosexual and IVDA	3(778		
Haemophilia/coagulation disorder	646	37	
Heterosexual cases	1244	1845	
Transfusion of blood/blood components	1128	11.0	
Undetermined	1730	1987	
Children			
Haemophilia/coatsulation disorder	42		
Parents with/at risk of A/DS	83.5	675	
Transfusion of blood/blood components	12	36	
Undetermined	18	31	

#### Drug waters

The second note affected group in the Userad Butters the intravenue of rag abstrap providence, who open HU by sharing needles and ortiggts contaminated with blood. In how York, where advoct all of ADS many intravenues and the second providence of the second second second second second intervention drugs have been been been as intervention of the second second second intervention of the second second second second between the two rates risk prough the instantant and the disease in the two rest probabilities in New York. In the UK the sprued of the disease among intrasences drug abasers has been slow initially in most areas. Nevertheless there are now a substantial number of HIV infected drug abasers have and unless the prediction of charing medices adapted the virus will spread with increasing repolicy.

# **Haemophiliacs**

Both here call in the UDA a large processor of Homosonity matrix the second se

# Recipients of blood transfusions

Similarly, some purple who have revolved block transtomore have some inforced with HIV. This has a considered an error of any have been affected the derived from just a few block donore. As only a tray proportion of blood donore have been inforced the chances of receiving contaminated block were extensing permission of the second donore and donore and the second permission of the second donore and the second do



thesentred blessed to accessive for HIW.

for HIV was introduced. Nowariays donated bload is accessed using an anti-HIV test (see p.28) and any contaminated bload is rejected.

# Partners of bisesuals and drug abasers

An emerging risk group in both Britain and the USA as made up of the heterotexual pertners of bisenuals and intravenous drug abusers. There is clearly the polential for agreed of the virtue from those hotomorous partners to flow ensiste the receptioned risk groups. Another ensists of special risks the read of the populations howing miniphy partners and reme are also at risk horizon they are introversus drug absence when have intered to presentation to flowness their addiction. *Historonical dark have controls partners on home say interests* and the horizon the resulting of the outoff the second second second second second second second *Historonical dark have controls partners on home say interests*.

#### **Heternseaual** spread in Africa

Reterements aproved of the topics as sets for the topic of the topics of the topics of the topic of the topic

Babies born to infocted mothers

The list risk group is converse to all gaugenginghic areas and is made up of the halves here to infected mothers, who are thereaders quarks well at the time three

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# suppose musics Supposting

Write the second second

#### ATH HIS STOREDUIST PRODUCT

Among the statement of the statement of more approximation in more particle and the statement of the stateme

blauch which will hill any view present. The views in also killed by his water and washing up liquid.

#### Living in the same household

# Those coring for AIDS patients

Names or palarity we the lock after and, AlD's patients may even also carried with the patients there all characterises in a consider far theorem a source raking which will affect approximate source and the patient which will affect approximate source and theorem and the matter of the patient in the source and theorem and a baselity weights in the source area of the source has an all baselity weights and the source and the patient source weights at work. In from accidents with dirty meetings and is from this optications on the patients of the theory while any work. In from accidents with dirty meetings and is from this optications on the particular patients in the patient source and the source and other for the formation.

Many people every about acquiring HIV infection as a result of casual household presad or by spread of the virus it work, or or public transport, or in estimating pools. All the available evidence indicates that the virus cammet be apread by these ranged means.

# Symptoms and disease

Most people who are indicated with HIV may first entirely fit and woll, but these who go us to develop ADS have us allowed but is without always fatal. Others who have HIV information may suffer from loss services illustes.

Some paople field III at the time that they exists the virus. This illustres may take a form similar coalgosthar fever, although of strates the usual glandular fiver related indections neuronationsis is much more entrmore. Very enroly the virus may affect the neurons options at this stage, for instance scanner in a the time of meningitis. All types of illustic scenering at the time of application of the Virus are without treatment.

Illnesses associated with HIV infection

Wrom people have been infinite uith HUV for multiple or practicity any people and only only only of the people in the array of the step of the people of the people of the in the array of the step of the people of the block of the step of the step of the people of the block of the step of the step of the people of the block of the step of the step of the people of the block of the step of the step of the people and step of the step of the step of the people of the step of the step of the step of the people and step of the s

# AIDS-related complex

Some HIV-inducted propie who do not have ADB however survey with symptoms take an lowev weight line, diambon, or throad in the mouth is white metrical which produces the provide and mass discourfield and the symptoms of the symptoms of the field have a symptoms of the symptoms of the field have a symptoms of the symptoms which are presented in house an authority of present symptoms of the symptoms of the symptoms of the symptoms which may present the symptoms for the symptoms of the symptoms which may present the symptoms for the symptoms of the symptoms which may present the symptoms for the symptoms which may present the symptoms for the symptoms which may present the symptoms for the symptoms which may present the symptoms in the symptoms which may present the symptoms for the symptoms which may present the symptoms in the symptoms which may present the symptoms in the symptoms which may present the symptom symptom symptom symptom symptoms in the symptom symptom symptom symptom symptom symptoms s

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### **Opportunistic Infections**

We have seen that AIDS affects only a small properties of HIV infected people. Prople with AIDS may suffer other life threatening appretunistic infections on the neuror, or both. The life threatening appretunistic infections fall into these main categories, thus affecting the lange, the gat, and the nervous suiters.

#### Lung infections

The communities of these ling infortime is called proting the promovant. This course of proofs, increase and provide the second second second second second ABB quarters suffering from this here of preservenia will nearly second terms of the infortence or of constraining observations of the infortence or constraining observations of the infortence or second fract approximation of the logical and second second second fract second se



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#### NHEVERAL ASSAULT

The nervous system raw also be adjusted in a variety of inference may fin AIDS. The coversame inference, exhcute receptarisis in a previously securitored, a direcresult of HW inferiors match. A deray or allowed cryptoresense may many manights in AIDS patients, much ing in broadcastle and force, Other patients are subficient endowed in the second second second forhere endowed in the second second second second forhere endowed in the second second second second forhere endowed interviews and that weakpose.

#### Tarrenters

By for the commonst immunity is affect AIDS parameters in from or disk in more ratio. Repear's sciences. This crosses sensal gaught particles which are southen out after the internal organs. Perget with Separate alter affect the internal organs. Perget with Separate autoration of the internal organs. Perget with Separate AIDS particular works in affightly better than that of AIDS particular with superturbatic inductions. Next-Realisters Isometicsee

Far isas commonly, All'S patients may develop a lymphoma. Thus is a disease which affects a lot of to be infected such MIV then the disorder is considered to be related to AIDS. AIDS patients tend to do worse



Above: Keeping's surcommitte the Sport.





# Anti-HIV test

When a periods is indicate with HU the primitizes the head's intervent states in density annulation apparent the virus. Archivation are putated spectrum that its minim the utars. The term state HU" means attribute that this specifically on the HU. Archivation are part of the bady a defension includes an annual transformation services that are attributed and the strengtheners in the terms of HU's however, this are densities a defention and the attribute that are summarized to that the term from the HU is the term. The number of the terms of HU. In the term of HU is the term for a particular than it is not to real the term.

# Widely used

The antidaxly inst in maw worldy used. For instants all histoi donaized tor birod transfranks is toried and any artist HUV passiove bload is rejucted. This tory is sense. Unnos instantschilt referend to as an AIDS tast. It isn't an AIDS feat her inst mant people who are artislitty publber are fit and well and the art have AIDS.

## Antibodies develop gradually

If a person because informed with HUV they will do white antiched grafically. In generally as its frace a low works in a low months after explosive Million any distributly in discussion. If a summer current have no interaction of the second second sectors possible, and her is the work possible possible because discussion. Their does work possible becaused to be membra where their possible works and the second sector possible, and her is the work in the second sector possible, and her is the work in the second sector possible, and the second second sector and the second sector possible.

If a person is told that they are extinuely positive is has reportion) implications for their lives. It is therefore essential that the informatories corrying out the tests do not make minimum. For this ranges it is reimple search matheais available) to make absolutely sure before

Intelligations of a maining test

Importations at a plantice text ive is the risk of feveloaing AIDS-at least up- in til peculie progress to AIDS within his years of appulsing lodge that one is anti-HIV positive is especially stress-ful homeone of this uncertainty. Many people who have

Insurning e commances take the tisk of developing AIDS

# Transmitting infection

An anti-HUV positive person has to regard himself of hereaff as infectious for HIV. In other words they say

# ARE YOU THINKING OF TAKING OUT LIFE INSURANCE OR A MORTGAGE ?



Piener deadoard to the Tenner Member Trust in 1967.

tive sexual contact, or in the case of a woman, giving birth. There are major implications for people's sex lives as any kind of sexual contact involving penetration of the period that the first simple, month for analytic period to the first. All the period the first simple period to the first simple period to the first simple period to the period of the period to the pe

# Tell as few people as possible

Again from aftering datates and doubted and new terter transf direction, nor-HUV spotticly explore are reconstructed in left on first appropriate appendix of from the starting of the start of the spottic approximation of the analysis of a parage and the authority point region of the starting of a parage and the subscript point regions in the starting of a parage and the subscript point of the starting theory of the starting theory of the starting both and athen the starting of the start of the starting both and the starting of the starting of the start starting of the starting of the starting of the start of the starting both and the starting of the start of the starting of the starting both and the starting of the start of the starting of the starting both and the starting of the start of the starting of the starting both and the starting of the start of the starting of the starting both and the starting of the start of the starting both and the starting of the start of the starting both and the starting of the start of the starting of the start of the starting both and the starting of the start of of

# Advantages of knewing

There are therefore score distributions in finding our bast does in while W positive. The mapse advantage in taking the antibody test in shall be easilied on the market internal distribution after a market between real while important questions in 16M. Most people when take the does wont in each block whether or not they are inferorder people. May can conver that they does define other people. Most has the addition information if they can antibody they to wand in a leadable information if they can antibody perturbes to the head the heads to list if high against the series. They are in the head series can also be head to the head of the head of the head of the head of the the sear future of ultra testiment can be started to try to prevent progression. There are also many people who field that the uncertainty of nor knowing their satisfy status is worre than the possible knowledge that they are antibody positive.

# Counselling

Anyone who is considering having the bast data data discuss this matter with conserve who can give an informed, unbiased opinion. This advice datald be weakable to everytrue at clinics for sessadly transmitted diseases.

# Controlling the spread

Rifers to constrol the speed of HUV can be taken by the commonity and by individuals. The first step in control is education about AIDS, HUV, and its routes of transmission, which must include the message that allowshcertain groups of people have so far soffered the brout of the HUV applicit, the infection can affect appears are also a with a groutists, or with more than ear partner may be at tick of aquiring HUV infection.

#### Education campaigns

Extraction comparing most party has directed at reception and high risk growth appendix parts of the provide parts in the provide the provide structure of the provided struchomoscenaria and highwards, intervenion drug drawns and hasemophilics by bealth care prevented of at structure of the provided structure of the provided structure of the provided structure of the provided struccomparison structure of the provided structure of the comparison structure of the provided structure of the structure of the provided structure of the structure of the information structure of the structure of the structure of the information structure of the structure of the structure of the information structure of the structure of the structure of the information structure of the structure of the structure of the information is structure of the structure of the structure of the information is structure of the structure of the structure of the information is structure of the Reducing the risk

The manageut trail in this periods should include mitter matrix allow they workers that that the despitzing at matrix allow they worker that that the despitzing at momental that mercen discussion and periods from having use to manage the despitzion of the managemental despitzion of the despitzion o

# Blood and organ doners

Propie at risk are also strangly discouraged from domaining bland or senses or from giving permission for their organs. (for example hidrows) to be derated.

# Do not abare needles or springer.

Daug abrains who inject introversally or in any other wayshirold not have could not writiget. This allower offset disars explores through difficulty in obtaining the mention and origingt. Because of the risk of them ampairing HIV he during explores it were seenile to allow dang abrains. In obtain the strings and number is sucharge for used errors, so this will relate the need for where, it.

# Testing blood and blood products

In order to safeguard havenuphilines against the risk of HIV infection all Factor VIII preparations are least treated to kill any oruge present. Undercontally many bases and lines or indiced before has it restaures as a set of the intervension of the set of the set of the set of the intervension of the set of the set of the set of the intervension of the set of the set of the set of the intervension of the set of the set of the set of the intervension of the set of the set of the set of the set of the intervension of the set of the set of the set of the set of the intervension of the set of the set of the set of the set of the intervension of the set o

# Isolation will not work

eccontently one here pumple suggest sworping managers backs as backing up all AIDs patters in a steeps to construct the speed of MIV. Apart from the informative of this suggestion it does not make provold over. Patients with AIDS account for only assering and the steep and the steep and the steep and speed on the steep and the method over an ending archy because of private size and and anale party because of private significant sets of short by the speed over an ender the steep and the steep and the steep and short by the speed over an ender the speed over a steep and the steep and short by the speed over a steep and the steep and short by the speed over a steep and the steep and short by the speed over a steep and the steep and short by the speed over a steep and the steep and the short by the speed over a steep and the steep and the short by the speed over a steep and the steep and the steep and short by the speed over a steep and the steep and the steep and short by the speed over a steep and the steep and the steep and short by the speed over a steep and the steep and the steep and the steep and short by the speed over a steep and the steep and the steep and the steep and short by the speed over a steep and the steep and the speed over a steep and the steep and the steep and the speed over a steep and the steep an

# Treatment of AIDS and HIV infection

He drags has been shown to over HW (definition, has or material in generalised a distruction of A2D has been incobanded in generalising the separatacy, in some ADD patients, and variant images are the adopted of correct resources, tends. *Bindbirty*, iou variante has yet here dominanterastical to generate people from ensigning HW, differing one is already holding source in addition. The trustations, involving the generation of any differtive structure, involving the generation of any differtive structure, involving the generation of any differtive structure.

## Emotional support

Ensertional support is vially important. An AIDE patient has in face problem over anal above those faced by any person with a terminal discusse. It may be difficult for sources who is nearly discrosed to know who it is angle to confide in. There may be a face of rejection by family and friends, and perhaps the worry that the information will not remain confidential. They may feel that there is a stigma associated with alto that feeling. In some cases the family may not know that the patient is a bennessenal of an intravenous

drug about and this may create extra differences in tenanting the news. State patients factor patients about their pass hickshole and may be greatly recabled to the throught that they earth have inferted invest one and perhase others that they have had see with

# Voluntary support organisations

It is important therefore that the foldors, rurnes, and there hosting periodia intervating A IBB particles final time to previde an enable support as possible, and try to golde the pointers to finding a gold support syntaxcontrol the baggital are during terreinstered. Apart framfacily out filtereds a considerable degree of support is available difficulty to expandential of spece of support is available difficulty for the support of the support of the reverse. Higgsing Torust.

# Tranting opportuniatic infortions.

Much has been teart down how how to find against and inter appartament industrial standards have and first appartament industrial standards have and inter appartament of each other have been as a multilation in the large tears to prevent a contract to an an unitation in the large tears to prevent a contract to be observed and applicing of the set was been some obtain. Note the observed experiment of the set was been some obtain. Note the output the anometer standard contract to be set of the set of set of the set of set of the set of set of the set of the

#### Ramon & Sarthans

Rappil's success over he branch in variants ways Interferent, which is a natural ground of the body's termine systems, may be made autificially and injected regularity. This has an antiviral action as well as strendoring the immune system. Raighly position, along one which of patients recend with university. show improvement, about one third scay the same, and the restainder continue to determine. Unfortunately, even in these patients who show some improvement, the effact is only temporary and interform generally makes the patient feel unself with flatike wreptoms, at least when fasting treatment.

Reports another any data is instant with the conner drap known as statistic data. There drap, may give the understate stat, drat of alphaesing the therefore only be such in low days and that man angle, to be closely monitored with hole data. Because of the therefore only be such in low days and that man angle, the data of the state of the the state of the state of the state of the state of the textures though the gives under the state of th

Alternative medicine

In the biomery of effective drug treatment for AIDS many patients, "interview from of maximum data referred to an "interview modern," (neurophy out the full suggest from the second second second dependents to treatment dependent, but the dependents to treatment dependent, and interview particular, breaklain, and hoursepubly, fortage, and second second second data with the second second second networks size and well being on the specified with an interview size size of well being and the specified with an interview size size of well being and a patient segment.

ASSETTING OF PRASARCE.

If any different averages are being followed by research workers in their strengts to develop an effective treattest for AIDE. Several of the design that have reached the stage of theorem, for reverse transcriptuse inhibitors. Heverse transcriptase is an enzyme - that is, a kind of protein - which enables the genetic information cerrard by the virtue to be transformed into the substance colled DNA, which car-

Berenzy transcopters to vital to the spreed of the views within the body. By individual full sequence at about the parable to present the virtus spreading to infast more calls in the immune spread. The spreadtranscopters inhibitor, producing the spread of the parameters with how the spread of the spread spread of the spread of the spread of the spread cosme less notfail to those work Kaynel's spream alone. It is also helpfoll to particular with ARG indelwips or possibly providing programments in ARG indelwips or possibly providing programments in ARG indelwips or call dompsed other by the virtue.

Carrent trials are examining whether adovadine is of besoft to all HIV antibody positive people in filmsiching the risk of progressing to ATD3. Other trails are looking at whether ridevadise should be combined

# Immune mediciators

Brage between an investment much interest may be used to standards the fermione insteam. These invalues entry feytos, statisticadard is not impremention. If used along there is a dampte that they may statistical for the inmain gap. So, this best treatment will possibly be a continuity. So this best treatment will possibly be a continuity of these and its a statistical damp.

# Marrow transplant

Base enservice transpirat has been trace but is off mitching of the patient, descript to ware the best, but when then vectors has only been short lived. This approach has therefore been supervised by the servberness of mitching discussion. Problems in developing a vaccine

The electric of any vacuum as to standard its long and more system to protect load grazers on expresses to and/or to 50 that it was intrasiste the probame of the system of the system of the system of the system is either that the standard system of the system is that are appealed of killing it. The dress test that we want the system of the system of the system of the effect of the system of the system of the system of the effect of the system of the system of the system of the effect of the system of the system of the system of the effect of the system of the system of the system of the effect of the system of the which therapes they these authories all day here on which therapes the system of AIDS has become one of the most feared diseases of modern times.

In this new edition of his booklet, Dr Christopher Carne gives the facts about AIDS-how it is spread, those at risk, symptoms and disease, treatment, prevention, and where to go for help.

**JAICO** BOOKS

Aids expert wan national screenin