# GLANDS AS CAUSE OF MANY CRIMES

By ELIZABETH M. HEATH.

TE have discovered our glands. For many years as many as 500,000 or 1,000,000, perhaps. our endoerine organs have been with us, unobserved except by certain patient scientists. At last they are coming into their own. Science sufficiently to translate a few salient characteriste to the lay mind, and the lay mind, scenting delightful possibilities, has leaped upon them with whoops of joy. Led by their better-known member, thyroid, the whole endocrine family, pituitary, suprarenal et al., are marching into small talk.

In the last few months the hitherto unsuspected endocrines have answered to an appalling number of charges. A young hospital nurse declares that a worry. His crime was as involuntary as malicious thyroid made her steal a friend's fur coat. It is claimed that the of a change in the chemical content in old can unmercifully regain their vigor his blood. If he had received medical by merely grafting on some new glands. A prominent scientist charges that their trouble, his crime would have been presecretions are all that stand between our wearisome civilized state and the hairy coats, the charming facial contours, the prehensile toes, and, presumably, the simple customs of the apes. He adds to his indictment the supposition that the underiable superiority of simple to the most complex, is caused by the masculine sex (hear! hear!) is due an explosion or a series of explosions to the same cause.

the girl.

He carried it whenever he went to meet goes off half-cocked, who yields to the

That last day they were walking emotions. among the endless apartment houses of It is with this latter class that we are the Bronx. They stopped in a corner mainly concerned, for they contribute drug store for some ice cream. The heavily to the total of emotional crime. girl ate hers; Archie's melted on the At this point the ductless glands replate. Two blocks from the door he enter the discussion, for it is their behas mastered their baffling complexities pulled out his pistol and shot her havior that pushes the explosion point through the brain. Then he dropped up or down the scale of normality, acthe weapon, fell on his knees and, cording to the following laws: picking her body up in his arms, began to scream.

### In Terms of Glands.

Archie did not kill his sweetheart in a passion of jealousy; nor because he loved her and wanted to save their love from the corrosion of living. He killed her because certain of his ductless glands had been disturbed by excessive knee-jerk. It was the automatic result treatment in the early stages of his vented.

To understand what happened to Archie it is necessary to know something about the machinery of the human mind.

Every muscular act, from the most of unstable protoplasm in the motivating

slightest pressure on the trigger of his

The point at which the unstable protoplasm in the motivating centres of the brain will explode is determined by the chemical content of the blood.

If there is a disproportion of hormones, as the secretions of the ductless glands are called, there is a disturbance of the balance of the explosion thresholds in the groups of cells in the nervous system, the secretions acting selectively on such cells.

Under these circumstances it is important to know what causes variation in the secretion of hormones. It has been discovered that the glands are affected by foreign toxins introduced into the system, and that they are also affected by the patient's mental conditionpain, &c. Under repeated or continued Dr. Schlapp says:

cles. trol whenever that impulse comes to thyroid, and sedatives. Within a few him. Kleptomania is a familiar form months a marked improvement was visithe "underworld."

It sometimes has results more ludi- Another boy exhibited symptoms very crous than criminal. There was a man like Austin's, but his trouble had a difrecently living in the Bronx who could ferent root and required a different not pass a back yard full of drying treatment. This was Michael Krapp, the clothes without wanting to tear them child of a factory worker. When he down and cut them to ribbons, and he reached his eleventh year Michael frequently indulged this impulse to the suddenly became a cause of condiscomfiture of housewives. This trend sternation both at home and at had been established so early in life that school. Some of the activities listed he could not recall the circumstances of by his teacher were indeed alarming: its beginning.

Most cases of emotional instability chair at father; threw stove lid at can be relieved, many of them can be mother; repeated "I'll kill some one! cured. This statement is made by Dr. I'll kill some one!" chased sister into Schlapp on the basis of results achieved corner, stuck her with pins, knocked her in his own study and work upon these down and threw her against wall; when cases since 1912. As Director of the given the simplest arithmetical problem mental clinic of the New York Post-Graduate Hospital, and examiner for do it. I knew how once, but I've forgotthe Children's Court of New York City, ten. Oh, my head!" was quarrelsome a great number of cases have come under Dr. Schlapp's care.

After it has been established, from the history of the case and from mental tests, that the patient's abnormal conduct is the result of emotional instability and not the deliberate design of a normal mind, it becomes Dr. Schlapp's object to discover if there is any chemleal disturbance in the patient's blood and to ascertain the exact nature of this disturbance. In an article printed in such emotions as fear, anxiety, anger, The Medical Record for April 3, 1920,

nervous strain a vicious circle is estab- "In many of the cases examined at lished, the patient's emotionality in- the Post-Graduate Hospital, chemical creases the secretion of hormones, and disturbance was found, and in more than these secretions make his emotions still half of these cases the cause was traced

Successive yieldings to one kind much for the boy's nervous system. His of impulse so weakens the patient's re- thyroid gland was overstimulated. He sistance that he loses intellectual con- was given endocrine substance to inhibit of this affliction. Its result may be ble. His mother wrote that he was seen in many a girl and boy who leave "quite amiable," and that Dr. Schlapp's comfortable homes for the hardships of treatment had saved him from the reformatory.

> Threw butcher knife at mother; threw would appear excited and say, "I can't and mean to children near him; would walk madly around room six or seven times, then take his seat.

When he was brought to Dr. Schlapp his teachers were convinced that the boy was developing a homicidal mania, and this was probably the case. Dr. Schlapp

rejuvenation of old and rich uncles by release the commands, or outgoing imglandular injection, and Bowery drug pulses, that set the muscles in motion. stores exhibit remedies guaranteed to The explosions themselves are caused jazz up your glands and so "give you by impulses coming in from either the new hope, inspire you to regain your intellectual or emotional centres of the self-respect and perhaps restore to you brain. the loved ones you-have forgot."

glands, however, something to engage that must be developed by an incoming the attention of plain and sober citizens, | impulse to cause the explosion which a solid foundation of fact under the extravagant superstructure raised by the particularly important in its application catchword intellectuals. Even that yarn to impulses from the emotional centre of Dr. Bolk's is probably true-the one of the brain. about the dense hair that sprouted on his pituitary patient; and, going so far, it isn't hard to believe that we achieved our present intellectual pinnacle through the kind action of the thymus gland in retarding the growth of the human skull. But lest your ideas of Adam and Eve be disturbed, come a little closer to tivating from the intellectual centre. If. A. D. 1921, as close at least as Cain however, the functional threshold in the and Abel. It is possible that Cain's emotional centre were low, the wave of endocrine organs were functioning improperly, and that he was as much a victim as his brother.

#### Glands as Cause of Crime.

Murder, assault, arson, vandalism, theft, and a host of other crimes are often results of a disturbance in the ductless glands, says Dr. Max G. Schlapp, Professor of Neuropathology at the New York Post Graduate School would be colorless. Still, there are vari- wiped out all considerations of right and irresponsible." Court.

the criminal courts, but glands! This high an explosion point has the effect the electric chair. is something else again. Moreover, con- of deadening all feeling. It produces Emotional instability results not only quency. completely cured in many cases.

For most people, the horror of crime lies in the intention of the criminal.

Witty journals gloomily foretell the centres of the brain. These explosions

Perhaps the most important single ele-There seems to be something in these ment in this process is the strength releases an outgoing impulse. This is

> cept or concept passing from the per- valids are condemned as criminals. ceptive or intellectual centre will not intensity to overcome the inhibition which would naturally come to the mofeeling would release an impulse so strong that no inhibition of prudence would stop it, and all consideration of an intellectual character would be overwhelmed and the motivating centre would issue its commands to the muscles.

Love, hate and greed have hitherto of normal action. Beyond each extrem- their hold. His remorse was so deep threw various objects, including a the fact that there are crimes combeen accepted as the motives that fill ity of this scale lies abnormality. Too that he wished to explate his guilt in kitchen knife, at his mother, and ran mitted because the perpetratory mental

gland.

tinues Dr. Schlapp, the condition, and dullness and inertia. Too low an ex- in isolated outbursts such as Archie's, Dr. Schlapp discovered that the strains with it the tendency to crime, can be plosion point produces the person who but in established "criminal" tenden- and changes of adolescence had been too

more unstable. This process frequently directly to certain of the internal secrecontinues until the explosion point is tory glands.

far below normal, and the patient is "This has been accomplished through the helpness victim of his impulses. only a few blood tests which have been Control of Emotions. evolved. New tests are being worked Perhaps most important of all dis- on constantly, and the hope is to narcoveries about the ductless glands is row the field until we can lay a finger that the amount of hormones in the on the seat of all emotional disturb-

blood can be controlled by means of ances." therapeutics, and, while knowledge on The treatment, of course, varies with this subject is by no means complete, the case, but its basic principles are the remarkable results have been obtained, prevention of disproportionate secretion notably in connection with the thyroid in the affected glands by the use of various remedies, and the neutralization

However, popular ignorance disre- of the abnormal secretions already in gards the great majority of these cases the blood by the introduction of counter-If the threshold of functional activity until an outbreak of violence occurs, balancing substances. By these means in the emotional centre is normal, a per- and then those who are in reality in- the patient's explosion point can be raised to normal.

That is what happened to Archie Dan- This was the treatment followed in the cause an emotional wave of sufficient iels. His long brooding over his un- case of Austin Strong. This boy was happy love affair stimulated his ductless the child of wealth. As his mother laglands to increased secretion. His ex- mented, he had "always been used to plosion point was lowered with increas- cares and comforts above the average." ing velocity, and he became not only There was nothing in his environment or more inclined to worry, but also more his heredity to explain the alarming

put pressure upon him to end an un- "He became surly and insolent. \* \* \* The poisons from this abscess, added to bearable situation by killing both him- As time went on he became flagrantly the effects of the pain he suffered, had self and the girl, but the first shot re- disobedient. \* \* \* When he was critilieved the tension, and the fact that he cised or crossed in any way \* \* \* he never completed the act proves that it would fly into a tirade-his ungovern-

The range of normal explosions is was the result not of resolve, but of ir- able temper increasing to a point that moved before the condition became perfairly wide. Without emotions life resistible impulse. His wave of feeling rendered him beside himself and quite manent, and Michal has now progressed

and Hospital, Director of its Mental ous types and temperaments, some wrong, all inhibitions from the intellec- Thus Mrs. Strong rather mildly char-Clinic, and examiner for the Children's phlegmatic, some more volatile, all of tual side of his brain, but when it had acterizes a period during which Austin

away from home with increasing fre- processes have set up neural stimuli

found an abscess in his frontal sinus. disturbed the ductless glands, and the boy's explosion point was abnormally low. Fortunately the abscess was rethrough a successful school career to the predestined glory of a thirty-dollara-week job in the tire factory.

whom have feelings within the range spent itself in action these reasserted threatened his father with a pistol, Although science has thus underscored beyond the individual's power to con-

Continued on Page Twelve.

inclined to carry out the action sug- change that came over him in his fifgested by the circumstances. His nerves teenth year.

Deliberate murder, unless to avenge an intolerable injury, arouses a storm of public hatred; but the automobile driver, whose nerve fails at a critical moment, incurs only censure and the loss of his license.

Some years ago a young man named Archie Daniels went out walking with a young lady. They had formerly been engaged, but the affair was broken off by the girl's parents in favor of a more prosperous suitor. After they had covered a few blocks in silence, Archie drew a pistol, apparently purchased for the purpose, and shot the girl down without a word.

The supposition is obvious. Rather than let her find contentment, perhaps even happiness, with another man, he sacrificed her to his jealousy. His sentence, life imprisonment, seemed light for such criminal egotism.

However, look behind this simple statement of fact to what was happening in Archie Daniels's head during the interminable six months between his dismissal as a suitor and his crime. Perhaps there are some facts even more significant. At least the Judge and the jury were strangely moved by them to give him the lightest sentence within their power, though the boy himself asked for the chair.

Archie was 22 that Spring, and " doing well." He was a likable, normal boy, already marked out for mild success. He had a good job downtown: not a bonanza, but one that indicated steady progress. He was very much in love, under conditions perfectly approved by society, and his love was returned. Archie was sitting on the top of his own particular world.

Then he ran headlong against that elderly disregard of the importance of true love that is so bitter and so enraging to youth. An older, a richer, a

more safely established man declared himself, and the girl's parents decided to break off their daughter's "boy-andgirl-affair." They said, as so many have said and some few have proved, that they knew best how to provide for her future: perhaps they intimated that love is transitory, and that security is, after all, the thing.

The sweethearts met by stealth. They would walk together in the dusk or on Saturday afternoons. Archie wanted her to marry him immediately. But the girl would not. They were young; she owed her parents too much; they would come around in the end. He and she must wait. Surely he could trust her. When he was with her, yes; but between times he worried. There was that other man, always around the house; and her parents always dropping hints. Girls were funny; they changed.

He worried more and more. He would come home from work and sit hunched up, thinking. His mother neard him walking the floor at night. He lost his job. Every morning he started out to find another, but he rarely made an application. Ie would ride for hours on the elevated, up and down, up and down, thinking. Finally roused, he would get off and roam aimlessly from street to street, his mind moving mechanically along a few deep-worn paths.

About this time he stopped urging the girl to marry him. Instead he said: "I give up. Let's get out of it. Let's die together."

And the girl would brood upon the idea, but in the end she always counseled patience.

Archie went over to Jersey and bought a pistol, a .22. Later he bought a .38.

> Ehe New Hork Times Published: December 4, 1921

Copyright © The New York Times

# GLANDS AS CAUSE OF CRIME

### Continued from Page Four.

trol, the law so far, except in well-defined cases of insanity and feeblemindedness, does not recognize the difference between the pathological, involuntary criminal and the person who for profit or pleasure violates the Penal Code.

There is a danger in this that a way is opened for a fraudulent defense of those accused of crimes. However, all the recourse that shrewd lawyers can devise to various mental ailment defenses is now utilized, and there is no way in which the Court can determine for itself through medical examination the truth or falsity of the contention that a defendant is a victim of disease.

Why? Because of the lack of facilities to intensively study in the individual the underlying causes of the criminal act. Without all procurable information as to the person's family and individual history, supplemented by psychological, physiological and chemical tests, these causes cannot be disclosed. There are hundreds, even thousands, of men and women today in prisons and reformatories who belong in hospitals. Punishment cannot prevent a repetition of their criminal acts, because they themselves have no control over their behavior.

The thing to do, according to Dr. Schlapp, is to establish a Detention Hospital, where persons suspected of low explosion points and other forms of mental defectiveness can be thoroughly examined—a process which requires quiet, periods of fasting and close observation-and their cases diagnosed.

This hospital should be closely related to the courts. On the basis of its findings, hospitals would often be substituted for prisons and treatment for punishment.

Such an adjunct to our court system would cost a great deal of money, ret, Gresses. Blue pewder does not give an effect as Dr. Schlapp points out, this would of the user suffering from the cold. amount to the smallest fraction of the The result with all these colored powsums now spent in the well-intended ders is a strangely harmonious one. But but misdirected efforts made by society the question of the lips has to be conto cope with the situation. It would. on sidered. Red lips with a mauve skin the other hand, offer "a real chance would be quite as bad as mauve skin to combat the problem of crime \* \* \* to with a red dress. separate those who are not responsible "If you 'make-up' white," said the for their misdeeds from those who • • • same authority, "you can leave your lips the same old scarlet. But with use a perfectly ordered mind to prey upon society." Such a hospital would be a more ef- most other shades a pale coral-pink is fective protection to society than half a the best."

thousand policemen, because it would prevent crimes by normalizing criminals. It need not be built for sentimental or even for ethical reasons, but as a hardheaded matter of economy. Crime costs the country more every year than the navy, the army, the whole Government budget. Perhaps the biggest problem before our economists is reducing the crime bill. The detention hospital will prove one of the effective instruments to this end.

# **CERULEAN-FACED WOMEN.**

AKING the punishment fit the WI crime is forgotten in the latest effort in France to make the face fit the frock. Englishwomen visiting French watering places are being persuaded to follow the fashion initiated by their more artistic beauty expert recently A sisters. England from Deauto returned ville has disclosed to a Daily Chronicle reporter that the recent popularity of scarlet hats and gowns had accounted for the new color scheme for faces.

She declares it to be obvious that the mauve face powder, which many women cling to through thick and thin, looks dreadful with a red dress. A clever woman, who liked red frocks, must have experimented with her powders and found how very much better powder with a red tinge looked than a neutral or mauve-tinted one.

Smart women are overhauling their toilet-tables and ordering powder with a peculiar mauve tint for their dresses of the fashionable mauve colorines, red-shaded powders for their red dresses and blue powder for use with blue

# Ehe New <u>H</u>ork Eimes

Published: December 4, 1921 Copyright © The New York Times