if the movement of certain muscles which could j on the acromion, and beneath the false ribs, are its of affect the pleurs, produces the pain, especially there are other evidences of rheumatism, the pain not pleuritic. Only yesterday we had two cases which the diagnosis turned upon this point; atraction of the latissimus dorsi, that could not ssibly have been appreciated by the pleura, gave in to the pain in both cases. The verdict was eamatism.

With regard to the influence that the evidence of mustism has upon the diagnosis, it must be adited that it cuts both ways. For while rheumam is one of the commonest causes of lateral pain ulating pleurisy, it is also, in its acute and wile form, a very common cause of pleurisy self; so that while the evidence of its presence ight suggest the non-pleuritic nature of the pain, the other hand it would afford an explanation and in some cases almost constitute a presumpre proof of, its true pleuritic character.

Doubtless, the case the most difficult of solution, the alternative between pleurisy and rheumatism f the intercostals. I have more than once been mied with it myself, and I have seen other and his men puzzled with it. There is in both cases a tame superficial breathing, the same "stab" on menting to take a full inspiration, the same latal secubitus on the unaffected side, the same ten-mass in the intercostal spaces. The rules of agaosis that I have just mentioned to you will sally solve the mystery, but the most careful ration may leave the question undecided.

The nature of this pain is no doubt the same as at of all other inflammatory hyperæsthesias, and. its them, the principal thing that aggravates it, is chanical disturbance; hence the intolerance of and of stretching, hence the superficial mathing and the decubitus on the sound side. ant believe that the friction of the roughened thes has anything to do with the pain, for two ons; first, because you may have, as shown in e case of Wingall, pleuritic rubbing continuing fur the pain has ceased, and when nothing is felt The patient beyond a sense of the friction; and coadly, because the pain may be severe where muistence of effusion, in considerable quantity, ments the contact of the two pleural surfaces. a has been said that as soon as effusion takes place pain ceases. This is not true. In the case of makiin, the pain was of the most severe kind that thisk I have ever witnessed in any case of pleuwhile the pleural cavity was full of fluid-so

Does the seat of the pain coincide with the seat the inflammation ? As far as always occurring n ti same side goes, I think it does. But I doubt It does further. Certainly the seat of pain does to coincide with the seat of the greatest friction-and. Thus, in the case of the lad Wingall, the menum friction was about the cartilage of the Mos rib, where there was no pain ; while the chief ais was at the inferior angle of the scapula, where to was no rubbing. Morsover, there is a suspi-us constancy about the seat of pleuritic pain, Neb cannot be explained by a similar constancy a the seat of the inflammation. We know, from out most an evidence, that all parts of the pleura are this to inflammation, while the seat of pleuritic while is not liable to equal variety. For the seat of pleuritic fourisy there is no rule; for the seat of pleuritic tin, there is a tolerably well marked rule:-be-math the minet the sipple, at the inferior angle of the scapula,

characteristic situations. Moreover, some of these situations are beyond the limits of the pleura, as on the acromion, and in the interval between the last rib and the crest of the ilium, where the chief pain in Franklin's case was felt. Moreover, the seat of pain may be covered with the finger when post mories appearances show that the implication of the pleura has been almost universal. From all these considerations, I am inclined to think that pleuritic pain, as far as its distribution is concerned. is chiefly reflex ; and that the constancy of its situation represents some law of retlex distribution, analogous to that which makes bronchial pain sternal, and colic pain umbilical, whatever may be the exact scat of the source of irritation.

I have often asked myself the question, in cases of pleurisy, whether both costal and pulmonary pleurse were affected, or only one, and which ; and if there were any means of diagnosing this point, is it possible to answer this question ? I think, to a certain extent, it is. I think one surface may be affected without the other; and certainly both may be affected at once. I think, if there is pleuritic effusion, and pressure between the ribs at the seat of pain increases the pain, that the custal pleurs is affected. I think, on the other hand, that if, under such circe stances, there is no pain on pressure, the costal pieura is not affected. I think that if pneumonia coexists with the signs of pleurisy, the implication of the pulmonary pleura is certain. I think that in all cases of pleuritic rubbing, both surfaces are certainly affected ; perhaps one primarily, but both ultimately. In cases of plearo-pneumonia in which there is friction-sound, the pulmonary pleura is probably affected first; and when that has been roughened, a similar state on the opposite surface of the costal plears is set up by the chafing produced by the already roughened lung surface. In pleuritic rubbing, produced by traumatic injury of the thoracic parietes , the same events probably take place in a reversed order.

Observe the important part which the nature of the anatomical result of the inflammation plays, in these cases. In the cases of Russell and Wingall, when the febrile stage of the cold passed off, nothing remained but the inconvenience and annoyance of the stitch in the side. But Franklin's catarrhal attack left him not only with the pain, but with one lung instead of two, with the incubus of a pleura full of " 1, upon his mediastinum and heart, and with all the circulatory and respiratory derangement and distress, that must result from such a state of things. We see from this, how, when hydrothorax is developed, it comes to constitute the substantive disease ;--- the pathology is lost, the morbid anatomy is everything.

What is the nature of the plearisy in these cases ? Some, no doubt would say, they are idiopathic : But I think, without adopting Sergeant Shee's definition of the word *idiopathic*,* I may show you that it would not be fair to so call them. It is quite clear that in all the cases the pleurisy was due to cold. Is this fact inconsistent with the general proposition with which I commenced my lecture,that servus inflammations preeminently point to states of blood-poisoning? I think not, I think,

[•] In the trial of Palmer, for the murder of Cook, Ser-geant thee, in reply to a question from the bench, as to what was the meaning of the constantly resurring word "idopaths," said that it was a word employed by doctors, to signify "that which was not understood."