



Διάγραμμα Ροής Ερευνητικής Πρότασης

Αιτιολόγηση





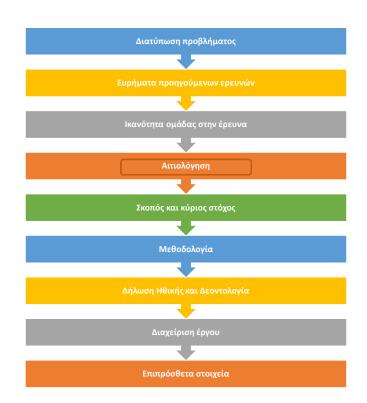








Διάγραμμα Ροής









Γιατί να κάνετε αυτή την έρευνα και γιατί τώρα;

Ποια κενά στην γνώση θα επιλυθούν;

Ποιος θα ωφεληθεί από την έρευνα σας;



Επισκόπηση της έρευνας



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Original Research

EVALUATION OF THE OPTIMAL POSITIONING OF

SUBCUTANEOUS BUTTERFLY WHEN ADMINISTERING INJECTABLE OPIOIDS IN CANCER PATIENTS

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Background and aims. The increasing number of cancer patients, together with evolopment of new palliative care services in Romania, warrants the evaluation of ing strategies meant to improve the level of confort of patients who are suffering advanced cancer:

maxing strategies meant to improve the level of comfort of patients who are suffering from advanced concree.

The name objective of the study was to evaluate the optimal pastitioning of the subcutamous (to Dutterfy, in accordinate with its resistance in the startest instance) that has yoccur, and the evaluation of the time of resistance at the leval complications that may occur, and the evaluation of the time of resistance at the trustent is still purpose to the property of the patient good and conduction. Methods, A greapestive experimental pilot study was designed and conducting the time of the property of the patient of the startest of the sta

Keywords: subcutaneous butterfly, needle bevel positioning, cancer, opioids

Methods

A prospective experimental pilot study was designed. Patients admitted to the Hospice Casa Sperantei with moderate or severe cancer pain and who were receiving subcutaneously opioids, over the age of 18, with normal body index ranging from 18.5-22.0, were assigned randomly, after signing the informed consent, to one of two groups. In group one, the butterfly was positioned with the needle bevel up – this was considered to be the control group as this modality of inserting the needle is considered standard practice [10,11,12,13]; in group two the butterfly was positioned with the needle bevel down - experimental group. The drugs used for pain relief were sc tramadol for

moderate pain and sc Morphine for severe pain.

Data from patients were collected between January and May 2011, in a sample of 100 adult cancer patients. The study was approved by the hospice's ethics committee. Correlations between the frequency of administration of opioids and the occurrence of local complications, and between the occurrence of local complications and the time of resistance of the subcutaneous butterfly at the insertion site, were established.

The hypothesis is that there is a significant positive relation between the frequency of injectable opioid administration and the occurrence of local complications, respectively a negative relation between the occurrence of complications and the time of resistance of the subcutaneous butterfly at the insertion place. In addition,

we wanted to establish which of the two butterfly insertion positions (butterfly with the needle bevel up or down) had a longer time of resistance at the insertion site with respect to incidence of complications.

The data collected has been analyzed with SPSS 11.

Αξιολόγηση της βέλτιστης τοποθέτησης της υποδόριας πεταλούδας στην χορήγηση ενέσιμων οπιοειδών σε ασθενείς με καρκίνο





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Ποιος θα ωφεληθεί από την έρευνα σας;

Κατανομή των ασθενών που παρουσίασαν τοπικές επιπλοκές σε σχέση με το είδος της επιπλοκής

Table VI. Distribution of patients that presented local complications in relation to the type of complication.

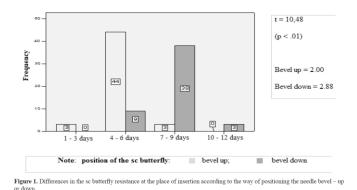
Type of local complication	INDURATION	REDNESS	BLEEDING	TOTAL
Whole sample	29 (56%)	17 (33%)	6 (11%)	52 (100%)
Control group	20	15	5	40
Study group	9	2	1	12



Αιτιολόγηση της έρευνας



Ποιος θα ωφεληθεί από την έρευνα σας;



Διαφορές στην αντίσταση στο σημείο εισαγωγής κατά την τοποθέτηση υποδόριας πεταλούδας, ανάλογα με τον τρόπο τοποθέτησης της λοξότμησης της βελόνας (προς τα πάνω ή προς τα κάτω)





Ποιος θα ωφεληθεί από την έρευνα σας;

This is a confirmation that administration of pain medication via subcutaneously butterfly by family members is safe practice.

Αυτή είναι μια επιβεβαίωση ότι η χορήγηση φαρμάκων για τον πόνο με υποδόρια πεταλούδα από τα μέλη της οικογένειας είναι μια ασφαλής πρακτική

Conclusion

Practical research studies are needed to examine and improve current nursing techniques and strategies that are employed in everyday clinical practice. The article challenges the standard nursing practice regarding the insertion of the subcutaneous butterfly with the bevel up. According to our findings the position of the needle with the bevel down ensures a better resistance of the subcutaneous butterfly and fewer side effects. The results of this pilot study need to be proved in a larger study and with better observation given to potential limitation factors such as the number of administrations, types of drugs, nutrition status of the patient, and experience of the nurses performing the procedure.





Το έργο αυτό χρηματοδοτήθηκε με την υποστήριξη της Ευρωπαϊκής Επιτροπής.

Η παρούσα δημοσίευση [ανακοίνωση] αντανακλά τις απόψεις μόνο του συγγραφέα και η Επιτροπή δεν μπορεί να θεωρηθεί υπεύθυνη για οποιαδήποτε χρήση των πληροφοριών που περιέχονται σε αυτήν.

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