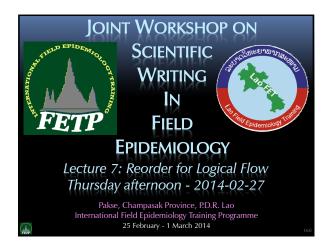
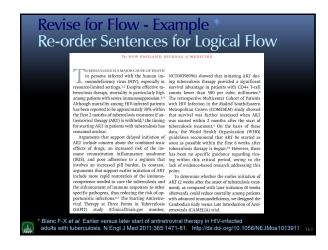
Joint Workshop on Scientific Writing In Field Epidemiology - Lectures 7 & 8 (2014-02-27)

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International Field Epidemiology Training Programme, Champasak Grand Hotel, Pakse, P.D.R. Lao, 25 February - 1 March 2014

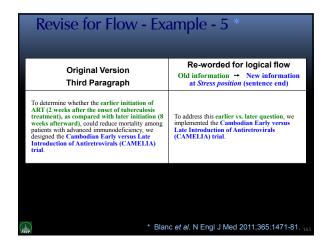




Revise for Flow - Example - 2 * Re-order Sentences for Logical Flow		
Re-worded for logical flow according to Gopen & Swan principles Old information - New information at Stress position (sentence end)		
Tuberculosis is a major cause of death in resource-limited settings for persons infected with the human immunodeficiency virus (HIV). 12		
Patients with severe immunosuppression, despite effective tuberculosis therapy, have a particularly high mortality. ^{3,4}		
Although mortality among HIV-infected patients has been reported to be approximately 30% within the first 2 months of tuberculosis treatment if antiretroviral therapy (ART) is withheld,3 there is uncertainty about when to initiate ART.		

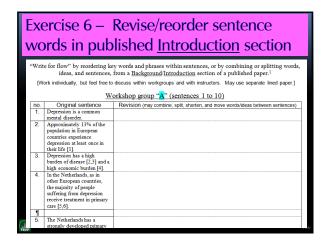
Revise for Flow - Example - 3		
Original Version Second Paragraph - Top	Re-worded for logical flow Old information → New information at Stress position (sentence end)	
Arguments that support delayed initiation of ART include concern about the combined toxic effects of drugs, an increased risk of the immune reconstitution inflammatory syndrome (IRIS), and poor adherence to a regimen that involves an increased pill burden.	Although delays in initiating ART reflect concerns about drug toxicity, an increased risk of the immune reconstitution inflammatory syndrome (IRIS), and poor adherence, there are competing arguments for the early start of ARI.	
In contrast, arguments that support earlier initiation of ART include more rapid restoration of the immunocompetence needed to cure the tuberculosis and the enhancement of immune responses to other specific pathogens, thus reducing the risk of opportunistic infections. ^{6,7}	Among the strongest of arguments is that early ART would rapidly restore the immunocompetence needed to cure tuberculosis and improve the outcomes of infections with other opportunists. ^{6,7}	
The Starting Antiretroviral Therapy at Three Points in Tuberculosis (SAPIT) study (ClinicalTrials gov number, NCT00398996) showed that initiating ART during tuberculosis therapy provided a significant survival advantage in patients with CD4+ T-cell counts lower than 500 per cubic millimeter. ⁸	The ability to cure tuberculosis and other opportunistic infections was suggested by the Starting Antiretroviral Therapy at Three Points in Tuberculosis (SAPIT) study (Clinical Trials gov number, NCT00398996). The SAPIT study showed that initiating ART during tuberculosis therapy in patients with CD4+T-cell counts lower than 500 per cubic millimeter provided a significant survival advantage. ⁸	

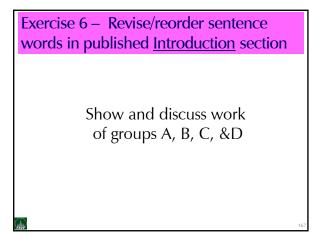
Original Version Second Paragraph - Bottom	Re-worded for logical flow Old information → New information at Stress position (sentence end)
The retrospective Multicenter Cohort of Patients with HIV Infection in the Madrid South-Eastern Metropolitan Crown (COMESEM) study showed that survival was further increased when ART was started within 2 months after the start of tuberculosis treatment.9	Survival was further increased in the retrospective Multicenter Cohort of Patients with HIV Infection in the Madrid South-Eastern Metropolitan Crown (COMESEM) study, which started ART within 2 months after the start of tuberculosis treatment.9
On the basis of these data, the World Health Organization (WHO) guidelines recommend that ART be started as soon as possible within the first 8 weeks after tuberculosis therapy is begun. 10	Early starting of ART in HIV-infected tuberculosis patients thus became a formal recommendation of the World Health Organization (WHO), which recommends that ART be started as soon as possible within the first 8 weeks of tuberculosis therapy. 10
However, there has been no specific guidance regarding timing within this critical period, owing to the lack of evidence-based research addressing this point.	Within this critical 8-week guideline, however, there is a lack of evidence-based research for whether earlier initiation (within 2 weeks) is better than later (at 8 weeks).

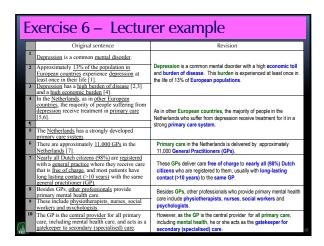


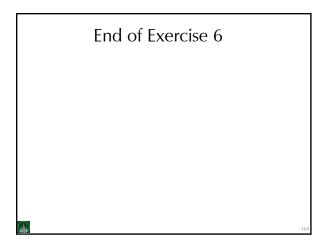
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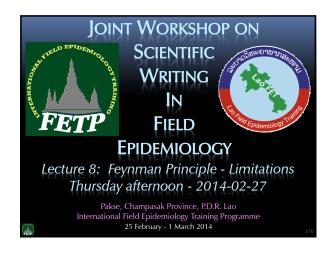
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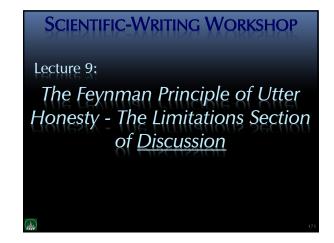












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